

Автоматические выключатели Emax2

E2.2H

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Магнитогорск (3519)55-03-13
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Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
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Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
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Череповец (8202)49-02-64
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**E2.2H 800 Ekip
Dip LI 3p WMP**



**E2.2H 800 Ekip Dip
LI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761110	8015644747619
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Dip LI 4p WMP



E2.2H 800 Ekip Dip LI
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767419	8015644753917
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V

Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
	N/A	70 N·m



E2.2H 800 Ekip
Dip LSI 3p WMP



E2.2H 800 Ekip
Dip LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761127	8015644747626
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA	(400 V AC) 100 kA (415 V AC) 100 kA

	(440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Dip LSI 4p WMP



E2.2H 800 Ekip
Dip LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
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Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Dip LSI 3p WMP



E2.2H 800 Ekip
Dip LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg

Product Net Width:	317 mm	276 mm
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Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761134	8015644747633
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 800 Ekip
Dip LSIG 4p WMP**



**E2.2H 800 Ekip Dip
LSIG 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767433	8015644753931
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip Hi-Touch LSIG 3p WMP



E2.2H 800 Ekip Hi-Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761196	8015644747695
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12

Release:	Ekip Hi-Touch LSiG	Ekip Hi-Touch LSiG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip Hi-Touch LSiG 4p WMP



E2.2H 800 Ekip Hi-Touch LSiG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767495	8015644753993
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
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Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA

	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Touch LSIG 3p WMP



E2.2H 800 Ekip
Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761165	8015644747664
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm

Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Touch LSIG44p
WMP



E2.2H 800 Ekip
Touch LSIG44p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767464	8015644753962
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip Hi-Touch LSI43p WMP



E2.2H 800 Ekip Hi-Touch LSI43p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761189	8015644747688
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Hi-Touch LSI 4p
WMP



E2.2H 800 Ekip
Hi-Touch LSI 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767488	8015644753986
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V

Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 800 Ekip Hi-Touch LSIG 3p WMP



E2.2H 800 Ekip Hi-Touch LSIG 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761196	8015644747695
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip Hi-Touch LSIG 4p WMP



E2.2H 800 Ekip Hi-Touch LSIG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767495	8015644753993
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm

Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Touch LI 3p WMP



E2.2H 800 Ekip
Touch LI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
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Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 800 Ekip
Touch LI 4p4WMP**



**E2.2H 800 Ekip
Touch LI 4p F4HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767440	8015644753948
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 800 Ekip
Touch LSI 3p4WMP**



**E2.2H 800 Ekip
Touch LSI 3p4F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761158	8015644747657
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 800 Ekip
Touch LSI 4p4WMP**



**E2.2H 800 Ekip
Touch LSI 4p4F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767457	8015644753955
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI

Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 800 Ekip
Touch LSIG 3p4WMP**



**E2.2H 800 Ekip
Touch LSIG 3p4F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761165	8015644747664
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
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Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	72 W	34 W
Rated Current (I_n):	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	800 A	800 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 800 Ekip
Touch LSIG 4p WMP



E2.2H 800 Ekip
Touch LSIG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767464	8015644753962
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm

Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	72 W	34 W
Rated Current (I _n):	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	800 A	800 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Dip LI 3p4WMP



E2.2H 1000 Ekip
Dip LI 3p F4HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761417	8015644747916
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
	100 %	100 %
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):		
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Dip LI 4p WMP**



**E2.2H 1000 Ekip
Dip LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767716	8015644754211
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_N]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I_N):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H

Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Dip LSI 3p WMP



E2.2H 1000 Ekip
Dip LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761424	8015644747923
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
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Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Dip LSI 4p WMP



E2.2H 1000 Ekip
Dip LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767723	8015644754228
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm

Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Dip LSIG 3p WMP



E2.2H 1000 Ekip
Dip LSIG 3p F HR



Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761431	8015644747930
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Dip LSIG 4p WMP**



**E2.2H 1000 Ekip
Dip LSIG 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767730	8015644754235
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour

Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA
	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Hi-Touch4LSIG
3p WMP



E2.2H 1000 Ekip
Hi-Touch4LSIG
3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761493	8015644747992
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL

Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Hi-Touch4LSIG
4p WMP



E2.2H 1000 Ekip
Hi-Touch4LSIG
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767792	8015644754297
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
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Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA

	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Touch LSIG 3p
WMP



E2.2H 1000 Ekip
Touch LSIG 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761462	8015644747961
Package Level 1 Gross Weight:	53 kg	46 kg

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Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Touch LSIG 4p

WMP



E2.2H 1000 Ekip
Touch LSIG 4p F

HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767761	8015644754266
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA
	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Hi-Touch LSI 3p
WMP**



**E2.2H 1000 Ekip
Hi-Touch LSI 3p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761486	8015644747985
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Hi-Touch LSI 4p
WMP**



**E2.2H 1000 Ekip
Hi-Touch LSI 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767785	8015644754280
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12

Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Hi-Touch LSI
3p WMP



E2.2H 1000 Ekip
Hi-Touch LSI
3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761493	8015644747992
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Hi-Touch LSIG
4p WMP



E2.2H 1000 Ekip
Hi-Touch LSIG
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767792	8015644754297
Package Level 1 Gross Weight:	60 kg	58 kg

Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Touch LI 3p WMP



E2.2H 1000 Ekip
Touch LI 3p F HR



Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761448	8015644747947
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Touch LI 4p WMP**



**E2.2H 1000 Ekip
Touch LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767747	8015644754242
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour

Neutral Pole Current ([%I _u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Touch LSI 3p WMP**



**E2.2H 1000 Ekip
Touch LSI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761455	8015644747954
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL

Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Touch LSI 4p WMP



E2.2H 1000 Ekip
Touch LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767754	8015644754259
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA

	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1000 Ekip
Touch LSI
G 3p
WMP



E2.2H 1000 Ekip
Touch LSI
G 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761462	8015644747961
Package Level 1 Gross Weight:	53 kg	46 kg

Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	113 W	53 W
Rated Current (I_n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1000 Ekip
Touch LSIG44p
WMP**



**E2.2H 1000 Ekip
Touch LSIG44p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644767761	8015644754266
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Mechanical Durability:		
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	113 W	53 W
Rated Current (I _n):	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
	690 V AC	690 V AC
Rated Operational Voltage:		

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA
	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1250 Ekip
Dip LI 3p WMP**



**E2.2H 1250 Ekip
Dip LI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761714	8015644748210
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Dip LI 4p4WMP



E2.2H 1250 Ekip
Dip LI 4p F4HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768010	8015644754518
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12

Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Dip LSI 3p4WMP



E2.2H 1250 Ekip
Dip LSI 3p F4HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761721	8015644748227
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Dip LSI 4p WMP



E2.2H 1250 Ekip
Dip LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768027	8015644754525
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Dip LSI 3p4WMP



E2.2H 1250 Ekip Dip
LSI 3p F4HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
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Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Dip LSIG 4p4WMP



E2.2H 1250 Ekip
Dip LSIG 4p4F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768034	8015644754532
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip Hi-Touch LSIG 3p WMP



E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761790	8015644748296
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1250 Ekip
Hi-Touch LSIG
4p WMP**



**E2.2H 1250 Ekip
Hi-Touch LSIG
4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768096	8015644754594
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA
	(690 V AC) 85 kA	(690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC

Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1250 Ekip
Touch LSIG 3p
WMP**



**E2.2H 1250 Ekip
Touch LSIG 3p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761769	8015644748265
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG

Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip
Touch LSIG 4p
WMP



E2.2H 1250 Ekip
Touch LSIG 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768065	8015644754563
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI G	Ekip Touch LSI G
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip Hi-Touch LSI 3p WMP



E2.2H 1250 Ekip Hi-Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761783	8015644748289
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1250 Ekip Hi-Touch LSI 4p WMP



E2.2H 1250 Ekip Hi-Touch LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768089	8015644754587
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

		
	E2.2H 1250 Ekip Hi-Touch LSIG 3p WMP	E2.2H 1250 Ekip Hi-Touch LSIG 3p F HR
Dimensions		
Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761790	8015644748296
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt

Tightening Torque:

N/A

70 N·m



**E2.2H 1250 Ekip
Hi-Touch LSIG 4p
WMP**



**E2.2H 1250 Ekip Hi-
Touch LSIG 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768096	8015644754594
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

		
	E2.2H 1250 Ekip Touch LI 3p WMP	E2.2H 1250 Ekip Touch LI 3p F HR
Dimensions		
Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761745	8015644748241
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt

Tightening Torque:

N/A

70 N·m



**E2.2H 1250 Ekip
Touch LI 4p WMP**



**E2.2H 1250 Ekip
Touch LI 4p F HR**

Dimensions

Product Net Depth / Length:

383 mm

270 mm

Product Net Height:

425 mm

371 mm

Product Net Weight:

55 kg

53 kg

Product Net Width:

407 mm

366 mm

Container Information

**Package Level 1 Depth /
Length:**

615 mm

615 mm

Package Level 1 EAN:

8015644768041

8015644754549

Package Level 1 Gross Weight:

60 kg

58 kg

Package Level 1 Height:

610 mm

610 mm

Package Level 1 Units:

box 1 piece

box 1 piece

Package Level 1 Width:

515 mm

515 mm

Additional Information

CAD Dimensional Drawing:

1SDH001252R0432

1SDH001252R0123

Product Main Type:

SACE Emax 2

SACE Emax 2

Product Name:

Air Circuit Breaker

Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I_n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 1250 Ekip
Touch LSI 3p WMP



E2.2H 1250 Ekip
Touch LSI 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761752	8015644748258
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1250 Ekip
Touch LSI 4p WMP**



**E2.2H 1250 Ekip
Touch LSI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768058	8015644754556
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	176 W	83 W
Rated Current (I _n):	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 1600 Ekip
Dip LI 3p WMP



E2.2H 1600 Ekip
Dip LI 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762117	8015644748616
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W

Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Dip LI 4p WMP**



**E2.2H 1600 Ekip
Dip LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768416	8015644754914
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
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Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 1600 Ekip
Dip LSI 3p WMP



E2.2H 1600 Ekip Dip
LSI 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762124	8015644748623
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W

Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Dip LSI 4p WMP



E2.2H 1600 Ekip Dip
LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768423	8015644754921
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle	Ue =< 440 V 12000 cycle
	Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I _n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 1600 Ekip
Dip LSI 3p WMP



E2.2H 1600 Ekip
Dip LSI 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762131	8015644748630
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W
Rated Current (I _n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt

Tightening Torque:

N/A

70 N·m



**E2.2H 1600 Ekip
Dip LSIG 4p WMP**



**E2.2H 1600 Ekip
Dip LSIG 4p F HR**

Dimensions

Product Net Depth / Length:

383 mm

270 mm

Product Net Height:

425 mm

371 mm

Product Net Weight:

55 kg

53 kg

Product Net Width:

407 mm

366 mm

Container Information

**Package Level 1 Depth /
Length:**

615 mm

615 mm

Package Level 1 EAN:

8015644768430

8015644754938

Package Level 1 Gross Weight:

60 kg

58 kg

Package Level 1 Height:

610 mm

610 mm

Package Level 1 Units:

box 1 piece

box 1 piece

Package Level 1 Width:

515 mm

515 mm

Additional Information

CAD Dimensional Drawing:

1SDH001252R0432

1SDH001252R0123

Product Main Type:

SACE Emax 2

SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Hi-Touch LSIG 3p
WMP



E2.2H 1600 Ekip
Hi-Touch LSIG 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762193	8015644748692
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W

Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Hi-Touch LSiG 4p
WMP**



**E2.2H 1600 Ekip
Hi-Touch LSiG 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768492	8015644754990
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Touch LSIG 4p
WMP**



**E2.2H 1600 Ekip
Touch LSIG 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768461	8015644754969
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI G	Ekip Touch LSI G
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip Hi-Touch4LSI 3p WMP



E2.2H 1600 Ekip Hi-Touch4LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762186	8015644748685
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle	Ue =< 440 V 12000 cycle
	Ue = 500 ... 690 V 10000 cycle	Ue = 500 ... 690 V 10000 cycle
	30 cycles per hour	30 cycles per hour
Mechanical Durability:	25000 cycle	25000 cycle
	60 cycles per hour	60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W

Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC

Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip Hi-Touch LSI 4p WMP



E2.2H 1600 Ekip Hi-Touch LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768485	8015644754983
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Hi-Touch LSIG 3p
WMP**



**E2.2H 1600 Ekip
Hi-Touch LSIG 3p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762193	8015644748692
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	1600 A	1600 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Hi-Touch LSIG 4p
WMP



E2.2H 1600 Ekip
Hi-Touch LSIG 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768492	8015644754990
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I _n):	1600 A	1600 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Touch LI43p WMP**



**E2.2H 1600 Ekip
Touch LI43p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762148	8015644748647
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W
Rated Current (I _n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Touch LI 4p WMP**



**E2.2H 1600 Ekip
Touch LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768447	8015644754945
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle	Ue =< 440 V 12000 cycle
	Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	1600 A	1600 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Touch LSI 3p WMP



E2.2H 1600 Ekip
Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
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Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	288 W	136 W
Rated Current (I _n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 1600 Ekip
Touch LSI 4p WMP**



**E2.2H 1600 Ekip
Touch LSI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768454	8015644754952
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Touch LSI
G 3p
WMP



E2.2H 1600 Ekip
Touch LSI
G 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762162	8015644748661
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle
	30 cycles per hour	30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour

Number of Poles:	3	3
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H

Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 1600 Ekip
Touch LSIG 4p
WMP



E2.2H 1600 Ekip
Touch LSIG 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768461	8015644754969
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	288 W	136 W
Rated Current (I_n):	1600 A	1600 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Dip LI 3p WMP**



**E2.2H 2000 Ekip
Dip LI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762513	8015644749019
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	2000 A	2000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip
Dip LI 4p WMP



E2.2H 2000 Ekip
Dip LI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768812	8015644755317
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt

Tightening Torque:	N/A	70 N·m
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E2.2H 2000 Ekip
Dip LSI 3p WMP



E2.2H 2000 Ekip Dip
LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762520	8015644749026
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V

Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768829	8015644755324
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W

Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Dip LSIG 3p WMP**



**E2.2H 2000 Ekip
Dip LSIG 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762537	8015644749033
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

		
	E2.2H 2000 Ekip Dip LSIG 4p WMP	E2.2H 2000 Ekip Dip LSIG 4p F HR
Dimensions		
Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768836	8015644755331
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt

Tightening Torque:	N/A	70 N·m
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**E2.2H 2000 Ekip
Hi-Touch LSIG 3p
WMP**



**E2.2H 2000 Ekip
Hi-Touch LSIG 3p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762599	8015644749095
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker

Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Hi-Touch LSIG 4p
WMP**



**E2.2H 2000 Ekip
Hi-Touch LSIG 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768898	8015644755393
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W

Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2

Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip
Touch LSIG 3p
WMP



E2.2H 2000 Ekip
Touch LSIG 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762568	8015644749064
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle
	30 cycles per hour	30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
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Rated Service Short-Circuit Breaking Capacity, in % of I_{cs}:	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Touch LSIG 4p
WMP**



**E2.2H 2000 Ekip
Touch LSIG 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768867	8015644755362
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _u):	2000 A	2000 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIg	Ekip Touch LSIg
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip Hi-Touch LSI 3p WMP



E2.2H 2000 Ekip Hi-Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762582	8015644749088
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V

Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Hi-Touch LSI 4p
WMP**



**E2.2H 2000 Ekip
Hi-Touch LSI 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768881	8015644755386
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip
Hi-Touch LSIG 3p
WMP



E2.2H 2000 Ekip
Hi-Touch LSIG 3p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762599	8015644749095
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Hi-Touch LSIG 4p
WMP**



**E2.2H 2000 Ekip
Hi-Touch LSIG 4p F
HR**



Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768898	8015644755393
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV

Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %

Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Touch LI 3p WMP**



**E2.2H 2000 Ekip
Touch LI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762544	8015644749040
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Touch LI 4p WMP**

**E2.2H 2000 Ekip
Touch LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768843	8015644755348
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip
Touch LSI 3p WMP



E2.2H 2000 Ekip
Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762551	8015644749057
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal

Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



Dimensions

E2.2H 2000 Ekip
Touch LSI 4p WMP

E2.2H 2000 Ekip
Touch LSI 4p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768850	8015644755355
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2

Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2000 Ekip
Touch LSIG 3p WMP**



**E2.2H 2000 Ekip
Touch LSIG 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762568	8015644749064
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	450 W	212 W
Rated Current (I _n):	2000 A	2000 A

Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC

Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2000 Ekip
Touch LSIG 4p
WMP

E2.2H 2000 Ekip
Touch LSIG 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644768867	8015644755362
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	450 W	212 W
Rated Current (I_n):	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



Dimensions

**E2.2H 2500 Ekip
Dip LI 3p WMP**

**E2.2H 2500 Ekip
Dip LI 3p F HR**

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762810	8015644749316
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA

Rated Uninterrupted Current (I _U):	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Dip LI 4p WMP



E2.2H 2500 Ekip Dip LI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769116	8015644755614

Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip
Dip LSI 3p WMP



E2.2H 2500 Ekip
Dip LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm



Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762827	8015644749323
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm



Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F



Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA

Rated Service Short-Circuit Breaking Capacity, in % of I _{cs} :	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip
Dip LSI 4p WMP



E2.2H 2500 Ekip
Dip LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769123	8015644755621
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m

Dimensions



E2.2H 2500 Ekip
Dip LSIG 3p WMP



E2.2H 2500 Ekip
Dip LSIG 3p F HR

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762834	8015644749330
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2500 Ekip
Dip LSIG 4p WMP**



**E2.2H 2500 Ekip
Dip LSIG 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm

Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769130	8015644755638
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSIG 3p WMP



E2.2H 2500 Ekip Hi-Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
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Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762896	8015644749392
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSIG 4p WMP



E2.2H 2500 Ekip Hi-Touch LSIG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
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Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769192	8015644755690
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Touch LSIG 3p WMP



E2.2H 2500 Ekip Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762865	8015644749361
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour

Number of Poles:	3	3
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Touch LSIG 4p WMP

E2.2H 2500 Ekip Touch LSIG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769161	8015644755669
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %

Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSI 3p WMP

E2.2H 2500 Ekip Hi-Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762889	8015644749385
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue = < 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue = < 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3

Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H

Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSI 4p WMP



E2.2H 2500 Ekip Hi-Touch LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769185	8015644755683
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %

Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSIG 3p WMP



E2.2H 2500 Ekip Hi-Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762896	8015644749392
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3

Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Hi-Touch LSIG 4p WMP



E2.2H 2500 Ekip Hi-Touch LSIG 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769192	8015644755690
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue ≤ 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue ≤ 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %

Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2500 Ekip
Touch LI 3p WMP**



**E2.2H 2500 Ekip
Touch LI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762841	8015644749347
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue = < 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue = < 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3

Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2500 Ekip
Touch LI 4p WMP**



**E2.2H 2500 Ekip
Touch LI 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769147	8015644755645
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %

Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I _n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I _u):	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL

Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip
Touch LSI 3p WMP



E2.2H 2500 Ekip
Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762858	8015644749354
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3

Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Touch LSI 4p WMP



E2.2H 2500 Ekip Touch LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769154	8015644755652
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	100 %

Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL

Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



E2.2H 2500 Ekip Touch LSIG 3p WMP



E2.2H 2500 Ekip Touch LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	48 kg	41 kg
Product Net Width:	317 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644762865	8015644749361
Package Level 1 Gross Weight:	53 kg	46 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Number of Poles:	3	3

Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL
Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



**E2.2H 2500 Ekip
Touch LSIG 4p WMP**



**E2.2H 2500 Ekip
Touch LSIG 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	270 mm
Product Net Height:	425 mm	371 mm
Product Net Weight:	55 kg	53 kg
Product Net Width:	407 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm
Package Level 1 EAN:	8015644769161	8015644755669
Package Level 1 Gross Weight:	60 kg	58 kg
Package Level 1 Height:	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker
Version:	W	F

Technical

Current Type:	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour

Neutral Pole Current ([%I_u]):	100 %	100 %
Number of Poles:	4	4
Power Loss:	550 W	267 W
Rated Current (I_n):	2500 A	2500 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i):	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA	(220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 85 kA for 3 s 66 kA	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL

Short-Circuit Performance Level:	H	H
Standards:	IEC	IEC
Sub-type:	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt
Tightening Torque:	N/A	70 N·m



По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
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Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
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Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
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