

Автоматические выключатели Emax2

E2.2B

Технические характеристики

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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

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E2.2B 1600 Ekip Dip LI 3p WMP

E2.2B 1600 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:	8015644761813	8015644748319
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
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

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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



E2.2B 1600 Ekip
Dip LI 4p WMP



E2.2B 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:	8015644768119	8015644754617
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA

	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip
Dip LSI 3p WMP



E2.2B 1600 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:	8015644761820	8015644748326
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 1600 Ekip
Dip LSI 4p WMP**



**E2.2B 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:	8015644768126	8015644754624
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



**E2.2B 1600 Ekip
Dip LSIG 3p WMP**



**E2.2B 1600 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:	8015644761837	8015644748333
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip
Dip LSIG 4p WMP



E2.2B 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:	8015644768133	8015644754631
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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



E2.2B 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:	8015644761899	8015644748395
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
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

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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



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



E2.2B 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:	8015644768195	8015644754693
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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:	8015644761868	8015644748364
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 1600 Ekip
Touch LSI 4p**

WMP



**E2.2B 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:	8015644768164	8015644754662
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip
Hi-Touch LSI 3p
WMP



E2.2B 1600 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:	8015644761882	8015644748388
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip
Hi-Touch LSI 4p

WMP



E2.2B 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:	8015644768188	8015644754686
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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



**E2.2B 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:	8015644761899	8015644748395
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



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



E2.2B 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:	8015644768195	8015644754693
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA

	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F

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



E2.2B 1600 Ekip
Touch LI 3p WMP



E2.2B 1600 Ekip
Touch LI 3p F HR

Container Information

Package Level 1 Depth / Length:	515 mm	515 mm
Package Level 1 EAN:	8015644761844	8015644748340
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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



**E2.2B 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:	8015644768140	8015644754648
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



E2.2B 1600 Ekip
Touch LSI 3p WMP



E2.2B 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
Package Level 1 EAN:	8015644761851	8015644748357
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F

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:	8015644768157	8015644754655
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip Touch LSIG 3p

WMP

E2.2B 1600 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:	8015644761868	8015644748364
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 1600 Ekip
Touch4LSIG 4p
WMP



E2.2B 1600 Ekip
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:	8015644768164	8015644754662
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Dip LI 3p WMP



E2.2B 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:	8015644762216	8015644748715
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 2000 Ekip
Dip LI 4p WMP**

**E2.2B 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:	8015644768515	8015644755010
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:

Standards:	B IEC	B 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
Version:	W	F



Dimensions

E2.2B 2000 Ekip
Dip LSI 3p WMP

E2.2B 2000 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:	8015644762223	8015644748722
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Dip LSI 4p4WMP



E2.2B 2000 Ekip
Dip 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:	8015644768522	8015644755027
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 2000 Ekip
Dip LSIG43p WMP**



**E2.2B 2000 Ekip
Dip LSIG43p 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:	8015644762230	8015644748739
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



**E2.2B 2000 Ekip
Dip LSIG 4p WMP**



**E2.2B 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:	8015644768539	8015644755034
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA

	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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



E2.2B 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:	8015644762292	8015644748791
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 2000 Ekip
Hi-Touch4LSIG 4p
WMP**

**E2.2B 2000 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:	8015644768591	8015644755096
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Touch4LSIG 3p
WMP



E2.2B 2000 Ekip
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:	8015644762261	8015644748760
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Touch LSIG 4p
WMP



E2.2B 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:	8015644768560	8015644755065
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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

**E2.2B 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:	8015644762285	8015644748784
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



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



E2.2B 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:	8015644768584	8015644755089
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Hi-Touch4LSIG 3p
WMP



E2.2B 2000 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:	8015644762292	8015644748791
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



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

WMP



**E2.2B 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:	8015644768591	8015644755096
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Touch LI 3p WMP



E2.2B 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:	8015644762247	8015644748746
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F

Dimensions



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



**E2.2B 2000 Ekip
Touch LI 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:	8015644768546	8015644755041
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



**E2.2B 2000 Ekip
Touch LSI 3p WMP**



**E2.2B 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:	8015644762254	8015644748753
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA



**E2.2B 2000 Ekip
Touch LSI 4p WMP**



**E2.2B 2000 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:	8015644768553	8015644755058
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA
	(525 V AC) 42 kA (690 V AC) 42 kA	(525 V AC) 42 kA (690 V AC) 42 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:	B	B

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
Version:	W	F



E2.2B 2000 Ekip
Touch LSIG 3p
WMP



E2.2B 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:	8015644762261	8015644748760
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



E2.2B 2000 Ekip
Touch LSIG 4p
WMP

E2.2B 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:	8015644768560	8015644755065
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
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
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
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) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 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 42 kA for 3 s 42 kA	for 1 s 42 kA for 3 s 42 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 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:	B	B
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
Version:	W	F



По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
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
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