

Автоматические выключатели Emax2

E2.2N

Технические характеристики

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
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ahk@nt-rt.ru || сайт: <https://abbswitch.nt-rt.ru>



**E2.2N 800 Ekip
Dip LI 4p WMP**

**E2.2N 800 Ekip
Dip LI 3p WMP**

**E2.2N 800 Ekip
Dip LI 4p F HR**

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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767211	8015644760915	8015644753719	8015644747411
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I_n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	800 A	800 A	800 A	800 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 800 Ekip
Dip LSI 4p WMP



E2.2N 800 Ekip
Dip LSI 3p WMP



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767228	8015644760922	8015644753726	8015644747428
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



E2.2N 800 Ekip
Dip LSI 4p
WMP



E2.2N 800 Ekip
Dip LSI 3p
WMP



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767235	8015644760939	8015644753733	8015644747435
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Mechanical Durability:				
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA
	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA
	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA
	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA
	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA
	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA
	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA
	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA
	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA
	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA
	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA
	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA
	(525 V AC) 66 kA	(525 V AC) 66 kA	(525 V AC) 66 kA	(525 V AC) 66 kA
	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	800 A	800 A	800 A	800 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 800 Ekip Hi-Touch LSI 3p WMP

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

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

E2.2N 800 Ekip Hi-Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644760984	8015644767280	8015644753788	8015644747480
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
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Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	800 A	800 A	800 A	800 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 800 Ekip
Hi-Touch LSI
3p WMP



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



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



E2.2N 800 Ekip
Hi-Touch LSI
3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	800 A	800 A	800 A	800 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V

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



E2.2N 800
Ekip Touch LI
4p WMP



E2.2N 800
Ekip Touch LI
3p WMP



E2.2N 800
Ekip Touch LI
4p F HR



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767242	8015644760946	8015644753740	8015644747442
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece

Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm
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Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	800 A	800 A	800 A	800 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 800 Ekip Touch LSI 3p WMP

E2.2N 800 Ekip Touch LSI 4p WMP

E2.2N 800 Ekip Touch LSI 4p F HR

E2.2N 800 Ekip Touch LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644760953	8015644767259	8015644753757	8015644747459
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue ≤ 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue ≤ 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue ≤ 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue ≤ 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	800 A	800 A	800 A	800 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 800
Ekip Touch
LSIG 4p
WMP



E2.2N 800
Ekip Touch
LSIG 3p
WMP



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767266	8015644760960	8015644753764	8015644747466
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%Iu]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	72 W	72 W	34 W	34 W
Rated Current (I _n):	800 A	800 A	800 A	800 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	800 A	800 A	800 A	800 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1000
Ekip Dip LI 3p
WMP



E2.2N 1000
Ekip Dip LI
4p WMP



E2.2N 1000
Ekip Dip LI 3p
F HR



E2.2N 1000
Ekip Dip LI 4p F
HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644761219	8015644767518	8015644747718	8015644754013
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC

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



**E2.2N 1000
Ekip Dip LSI
3p WMP**

**E2.2N 1000
Ekip Dip LSI
4p WMP**

**E2.2N 1000
Ekip Dip LSI
3p F HR**

**E2.2N 1000
Ekip Dip LSI
4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644761226	8015644767525	8015644747725	8015644754020
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

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

Neutral Pole Current ([%I _u]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1000
Ekip Dip LSIG
3p WMP

E2.2N 1000
Ekip Dip LSIG
4p WMP

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

E2.2N 1000
Ekip Dip LSIG
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644761233	8015644767532	8015644747732	8015644754037
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current (I _n):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644761288	8015644767587	8015644754082	8015644747787
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current (I _{nl}):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767594	8015644761295	8015644754099	8015644747794
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1000 Ekip Touch LI 4p WMP

E2.2N 1000 Ekip Touch LI 3p WMP

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

E2.2N 1000 Ekip Touch LI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644767549	8015644761240	8015644747749	8015644754044
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1000
Ekip Touch
I SI 4n WMP



E2.2N 1000
Ekip Touch
I SI 3n WMP



E2.2N 1000
Ekip Touch
I SI 3n F HR



E2.2N 1000
Ekip Touch LSI
4n F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
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Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI

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



**E2.2N 1000
Ekip Touch
LSIG 3p WMP**



**E2.2N 1000
Ekip Touch
LSIG 4p WMP**



**E2.2N 1000
Ekip Touch
LSIG 4p F HR**



**E2.2N 1000
Ekip Touch
LSIG 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644761264	8015644767563	8015644754068	8015644747763
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

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

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_u]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I_n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



**E2.2N 1000
Ekip Touch
LSIG 3p WMP**

**E2.2N 1000
Ekip Touch
LSIG 4p WMP**

**E2.2N 1000
Ekip Touch
LSIG 4p F HR**

**E2.2N 1000
Ekip Touch
LSIG 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644761264	8015644767563	8015644754068	8015644747763
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	113 W	113 W	53 W	53 W
Rated Current (I _n):	1000 A	1000 A	1000 A	1000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1000 A	1000 A	1000 A	1000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSiG	Ekip Touch LSiG	Ekip Touch LSiG	Ekip Touch LSiG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



**E2.2N 1250
Ekip Dip LI 4p
WMP**



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



**E2.2N 1250
Ekip Dip LI 4p
F HR**



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
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Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI

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



**E2.2N 1250
Ekip Dip LSI
4p WMP**



**E2.2N 1250
Ekip Dip LSI
3p WMP**



**E2.2N 1250
Ekip Dip LSI
4p F HR**



**E2.2N 1250 Ekip
Dip LSI 3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767822	8015644761523	8015644754327	8015644748029
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

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

Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I_n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1250
Ekip Dip LSIG
4p WMP

E2.2N 1250
Ekip Dip LSIG
3p WMP

E2.2N 1250
Ekip Dip LSIG
3p F HR

E2.2N 1250
Ekip Dip LSIG
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644767839	8015644761530	8015644748036	8015644754334
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I_n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I_n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V

Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767884	8015644761585	8015644754389	8015644748081
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767891	8015644761592	8015644754396	8015644748098
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _N]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _N):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1250 Ekip Touch LI 4p WMP

E2.2N 1250 Ekip Touch LI 3p WMP

E2.2N 1250 Ekip Touch LI 4p F HR

E2.2N 1250 Ekip Touch LI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767846	8015644761547	8015644754341	8015644748043
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1250
Ekip Touch
LSI 4p WMP



E2.2N 1250
Ekip Touch
LSI 3p WMP



E2.2N 1250
Ekip Touch
LSI 4p F HR



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767853	8015644761554	8015644754358	8015644748050
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



E2.2N 1250
Ekip Touch
LSIG 4p WMP



E2.2N 1250
Ekip Touch
LSIG 3p WMP



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



E2.2N 1250
Ekip Touch
LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767860	8015644761561	8015644754365	8015644748067
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	176 W	176 W	83 W	83 W
Rated Current (I _n):	1250 A	1250 A	1250 A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1250 A	1250 A	1250 A	1250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



**E2.2N 1600
Ekip Dip LI 3p
WMP**



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



**E2.2N 1600
Ekip Dip LI 3p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768218	8015644761912	8015644754716	8015644748418
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



**E2.2N 1600
Ekip Dip LSI
3p WMP**



**E2.2N 1600
Ekip Dip LSI
4p F HR**



**E2.2N 1600
Ekip Dip LSI
3p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768225	8015644761929	8015644754723	8015644748425
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1600 A	1600 A	1600 A	1600 A

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



E2.2N 1600
Ekip Dip LSI
4p WMP



E2.2N 1600
Ekip Dip LSI
3p WMP



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768232	8015644761936	8015644754730	8015644748432
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1600 A	1600 A	1600 A	1600 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



E2.2N 1600
Ekip Hi-Touch
LSI 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768287	8015644761981	8015644754785	8015644748487
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	1600 A	1600 A	1600 A	1600 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768294	8015644761998	8015644754792	8015644748494
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



E2.2N 1600
Ekip Touch LI
4p WMP



E2.2N 1600
Ekip Touch LI
3p WMP



E2.2N 1600
Ekip Touch LI
4p F HR



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768249	8015644761943	8015644754747	8015644748449
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current (I _n):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1600 A	1600 A	1600 A	1600 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1600 Ekip Touch LSI 3p WMP

E2.2N 1600 Ekip Touch LSI 4p WMP

E2.2N 1600 Ekip Touch LSI 4p F HR

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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	53 kg	41 kg
Product Net Width:	317 mm	407 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:	8015644761950	8015644768256	8015644754754	8015644748456
Package Level 1 Gross Weight:	53 kg	60 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	1600 A	1600 A	1600 A	1600 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 1600
Ekip Touch
LSIG 4p WMP



E2.2N 1600
Ekip Touch
LSIG 3p WMP



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



E2.2N 1600
Ekip Touch
LSIG 3p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644768263	8015644761967	8015644754761	8015644748463
Package Level 1 Gross Weight:	60 kg	53 kg	58 kg	46 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0123	1SDH001252R0083
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	288 W	288 W	136 W	136 W
Rated Current (I _n):	1600 A	1600 A	1600 A	1600 A
Rated Impulse Withstand Voltage (U _{imp}):	icc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



E2.2N 2000
Ekip Dip LI 4p
WMP



E2.2N 2000
Ekip Dip LI 3p
WMP



E2.2N 2000
Ekip Dip LI 3p
F HR



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768614	8015644762315	8015644748814	8015644755119
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cyc 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current (I _{nl}):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA
	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA
	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA
	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA
	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA
	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA
	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA
	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA
	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA	for 1 s 66 kA	for 1 s 66 kA	for 1 s 66 kA
	for 3 s 50 kA	for 3 s 50 kA	for 3 s 50 kA	for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA
	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA
	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA
	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA
	(525 V AC) 66 kA	(525 V AC) 66 kA	(525 V AC) 66 kA	(525 V AC) 66 kA
	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 2000
Ekip Dip LSI
4p WMP



E2.2N 2000
Ekip Dip LSI
3p WMP



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



E2.2N 2000 Ekip
Dip LSI 4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768621	8015644762322	8015644748821	8015644755126
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Je =< 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	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	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 2000
Ekip Dip LSI
4p WMP



E2.2N 2000
Ekip Dip LSI
3p WMP



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



E2.2N 2000
Ekip Dip LSI
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768638	8015644762339	8015644748838	8015644755133
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cycl 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768683	8015644762384	8015644748883	8015644755188
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cycl 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768690	8015644762391	8015644748890	8015644755195
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cyc 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current (I_{nI}):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I_n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U_{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 2000
Ekip Touch LI
4p WMP



E2.2N 2000
Ekip Touch LI
3p WMP



E2.2N 2000
Ekip Touch LI
3p F HR



E2.2N 2000
Ekip Touch LI
4p F HR

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768645	8015644762346	8015644748845	8015644755140
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cycl 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



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



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



**E2.2N 2000
Ekip Touch
LSI 3p F HR**



**E2.2N 2000 Ekip
Touch LSI 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768652	8015644762353	8015644748852	8015644755157
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	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	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 cyc 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA

Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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

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

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

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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	41 kg	53 kg
Product Net Width:	407 mm	317 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	515 mm	615 mm
Package Level 1 EAN:	8015644768669	8015644762360	8015644748869	8015644755164
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0432	1SDH001252R0431	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	$U_e \leq 440$ V 10000 cycle U_e 500 ... 690 V 8000 cycle 30 cycles per hour	$U_e \leq 440$ V 10000 cycle U_e = 500 ... 690 V 8000 cycle 30 cycles per hour	$U_e \leq 440$ V 10000 cycle U_e = 500 ... 690 V 8000 cycle 30 cycles per hour	$U_e \leq 440$ V 10000 cycle U_e = 500 ... 690 V 8000 cycle 30 cycles per hour
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	450 W	450 W	212 W	212 W
Rated Current (I _n):	2000 A	2000 A	2000 A	2000 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V

Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	2000 A	2000 A	2000 A	2000 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 2500
Ekip Dip LI 3p
WMP



E2.2N 2500
Ekip Dip LI 4p
WMP



E2.2N 2500
Ekip Dip LI 3p
F HR



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762612	8015644768911	8015644749118	8015644755416
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



**E2.2N 2500
Ekip Dip LSI
3p WMP**



**E2.2N 2500
Ekip Dip LSI
4p WMP**



**E2.2N 2500
Ekip Dip LSI
3p F HR**



**E2.2N 2500
Ekip Dip LSI
4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762629	8015644768928	8015644749125	8015644755423
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2500 A	2500 A	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



E2.2N 2500
Ekip Dip LSIG
4p F HR



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



E2.2N 2500
Ekip Dip LSIG
4p WMP



E2.2N 2500
Ekip Dip LSIG
3p WMP

Dimensions

Product Net Depth / Length:	270 mm	270 mm	383 mm	383 mm
Product Net Height:	371 mm	371 mm	425 mm	425 mm
Product Net Weight:	53 kg	41 kg	55 kg	48 kg
Product Net Width:	366 mm	276 mm	407 mm	317 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644755430	8015644749132	8015644768935	8015644762636
Package Level 1 Gross Weight:	58 kg	46 kg	60 kg	53 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0123	1SDH001252R0083	1SDH001252R0432	1SDH001252R0431
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	F	F	W	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cyc 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current (I _n):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	267 W	267 W	550 W	550 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2500 A	2500 A	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M12	Main Circuit M12	N/A	N/A
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	Rear flat Horizontal	Rear flat Horizontal	N/A	N/A
Terminal Type:	Bolt	Bolt	N/A	N/A
Tightening Torque:	70 N·m	70 N·m	N/A	N/A



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



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



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



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762681	8015644768980	8015644749187	8015644755485
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



E2.2N 2500
Ekip Hi-Touch LSI



E2.2N 2500
Ekip Hi-Touch LSI



E2.2N 2500
Ekip Hi-Touch LSI



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

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762698	8015644768997	8015644749194	8015644755492
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Je = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycl 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _u]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA	(220 V AC) 66 kA
	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA	(230 V AC) 66 kA
	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA	(380 V AC) 66 kA
	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA	(400 V AC) 66 kA
	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA	(415 V AC) 66 kA
	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA	(440 V AC) 66 kA
	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA	(500 V AC) 66 kA
	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA	(660 V AC) 66 kA
	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA	(690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	2500 A	2500 A	2500 A	2500 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG	Ekip Hi-Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



**E2.2N 2500
Ekip Touch
LSI 3p WMP**



**E2.2N 2500
Ekip Touch
LSI 4p WMP**



**E2.2N 2500
Ekip Touch
LSI 3p F HR**



**E2.2N 2500 Ekip
Touch LSI 4p F
HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762650	8015644768959	8015644749156	8015644755454
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Je = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycl 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	2500 A	2500 A	2500 A	2500 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M12	Main Circuit M12
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



**E2.2N 2500
Ekip Touch
LSIG 3p WMP**



**E2.2N 2500
Ekip Touch
LSIG 4p WMP**



**E2.2N 2500
Ekip Touch
LSIG 3p F HR**



**E2.2N 2500
Ekip Touch
LSIG 4p F HR**

Dimensions

Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	48 kg	55 kg	41 kg	53 kg
Product Net Width:	317 mm	407 mm	276 mm	366 mm

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	515 mm	615 mm
Package Level 1 EAN:	8015644762667	8015644768966	8015644749163	8015644755461
Package Level 1 Gross Weight:	53 kg	60 kg	46 kg	58 kg
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

CAD Dimensional Drawing:	1SDH001252R0431	1SDH001252R0432	1SDH001252R0083	1SDH001252R0123
Product Main Type:	SACE Emax 2	SACE Emax 2	SACE Emax 2	SACE Emax 2
Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
Version:	W	W	F	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour	Ue =< 440 V 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	550 W	550 W	267 W	267 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	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	AC 1000 V	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	690 V AC	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	100 %	100 %
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA

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



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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ahk@nt-rt.ru || сайт: <https://abbswitch.nt-rt.ru>