

Автоматические выключатели Emax2

E2.2S

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
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E2.2S 250
Ekip Dip LI
4p WMP



E2.2S 250
Ekip Dip LI
3p WMP



E2.2S 250
Ekip Dip LI
3p F HR



E2.2S 250
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:	8015644775919	8015644775810	8015644775414	8015644775711
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	250 A	250 A	250 A	250 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Release:	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 250
Ekip Dip LSI
4p WMP



E2.2S 250
Ekip Dip LSI
3p WMP



E2.2S 250
Ekip Dip LSI
3p F HR



E2.2S 250
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:	8015644775926	8015644775827	8015644775421	8015644775728
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
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Additional Information

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI	Ekip Dip LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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

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**E2.2S 250
Ekip Dip
LSIG44p
WMP**



**E2.2S 250
Ekip Dip
LSIG43p
WMP**



**E2.2S 250
Ekip Dip
LSIG43p F
HR**



**E2.2S 250
Ekip Dip
LSIG44p 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:	8015644775933	8015644775834	8015644775438	8015644775735
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u):	250 A	250 A	250 A	250 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Release:	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 250

Ekip Hi-Touch LSIG

3p WMP



E2.2S 250

Ekip Hi-Touch LSIG

4p WMP



E2.2S 250

Ekip Hi-Touch LSIG

3p F HR



E2.2S 250

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:	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:	8015644775896	8015644775995	8015644775490	8015644775797
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A

Rated Voltage (U _r):	690 V	690 V	690 V	690 V
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:	S	S	S	S
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



E2.2S 250
Ekip Hi-Touch LSI
4p WMP

E2.2S 250
Ekip Hi-Touch LSI
3p WMP

E2.2S 250
Ekip Hi-Touch LSI
3p F HR

E2.2S 250
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:	8015644775988	8015644775889	8015644775483	8015644775780
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

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	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
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:	S	S	S	S
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



E2.2S 250
Ekip Hi-Touch LSI
3p WMP



E2.2S 250
Ekip Hi-Touch LSI
4p WMP



E2.2S 250
Ekip Hi-Touch LSI
3p F HR



E2.2S 250
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:	8015644775896	8015644775995	8015644775490	8015644775797
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
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:	S	S	S	S
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



E2.2S 250
Ekip Touch
LI 4p WMP



E2.2S 250
Ekip Touch
LI 3p WMP



E2.2S 250
Ekip Touch
LI 3p F HR



E2.2S 250
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:	8015644775940	8015644775841	8015644775445	8015644775742
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 250
Ekip Touch
LSI 4p WMP



E2.2S 250
Ekip Touch
LSI 3p WMP



E2.2S 250
Ekip Touch
LSI 3p F HR



E2.2S 250
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:	8015644775957	8015644775858	8015644775452	8015644775759
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

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:	100 W	100 W	50 W	50 W
Rated Current (I _n):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI	Ekip Touch LSI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 250

Ekip Touch

LSIG 4p

WMP



E2.2S 250

Ekip Touch

LSIG 3p

WMP



E2.2S 250

Ekip Touch

LSIG 3p F

HR



E2.2S 250

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:	8015644775964	8015644775865	8015644775469	8015644775766
Package Level 1 Gross Weight:	60 kg	53 kg	46 kg	58 kg

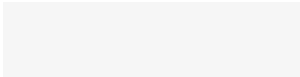
Package Level 1 Height:	610 mm	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm	515 mm

Additional Information

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:	100 W	100 W	50 W	50 W
Rated Current (I _N):	250 A	250 A	250 A	250 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I _u):	250 A	250 A	250 A	250 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG	Ekip Touch LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S



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



E2.2S 800
Ekip Dip LSI
3p WMP



E2.2S 800
Ekip Dip
LSI 4p WMP



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



E2.2S 800
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:	8015644761028	8015644767327	8015644747527	8015644753825
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 ([%Iu]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4

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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 _{cw}):	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA
Rated Uninterrupted Current (I _u):	(525 V AC) 66 kA (690 V AC) 66 kA	(525 V AC) 66 kA (690 V AC) 66 kA	(525 V AC) 66 kA (690 V AC) 66 kA	(525 V AC) 66 kA (690 V AC) 66 kA
	800 A	800 A	800 A	800 A
	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:	S	S	S	S
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



E2.2S 800
Ekip Dip
LSIG 3p
WMP



E2.2S 800
Ekip Dip
LSIG 4p
WMP



E2.2S 800
Ekip Dip
LSIG 4p F
HR



E2.2S 800
Ekip Dip 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:	8015644761035	8015644767334	8015644753832	8015644747534
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



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



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



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



E2.2S 800
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:	8015644761080	8015644767389	8015644747589	8015644753887
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 800
Ekip Hi-Touch4LSIG
4p WMP



E2.2S 800
Ekip Hi-Touch4LSIG
3p WMP



E2.2S 800
Ekip Hi-Touch4LSIG
4p F HR



E2.2S 800
Ekip Hi-Touch4LSIG
3p F HR

Dimensions

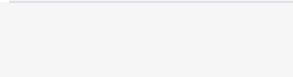
Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	55 kg	48 kg	53 kg	41 kg
Product Net Width:	407 mm	317 mm	366 mm	276 mm

Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:	8015644767396	8015644761097	8015644753894	8015644747596
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 800
Ekip Touch
LI 3p WMP



E2.2S 800
Ekip Touch
LI 4p WMP



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



E2.2S 800
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:	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:	8015644761042	8015644767341	8015644747541	8015644753849
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 800
Ekip Touch
LSI 3p WMP



E2.2S 800
Ekip Touch
LSI 4p WMP



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



E2.2S 800
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:	8015644761059	8015644767358	8015644747558	8015644753856
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 800
Ekip Touch
LSIG 3p
WMP



E2.2S 800
Ekip Touch
LSIG 4p
WMP



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



E2.2S 800
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:	8015644761066	8015644767365	8015644747565	8015644753863
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1000
Ekip Dip LI
4p WMP



E2.2S 1000
Ekip Dip LI
3p WMP



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



E2.2S 1000
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:	8015644767617	8015644761318	8015644754112	8015644747817
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1000
Ekip Dip LSI
4p WMP



E2.2S 1000
Ekip Dip LSI
3p WMP



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



E2.2S 1000
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:	8015644767624	8015644761325	8015644754129	8015644747824
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA

Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 1000
Ekip Dip
LSIG 4p
WMP

E2.2S 1000
Ekip Dip
LSIG 3p
WMP

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

E2.2S 1000
Ekip Dip
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:				
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



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



E2.2S 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:	8015644767686	8015644761387	8015644754181	8015644747886
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
	100 %	100 %	100 %	100 %
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}):				
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



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



E2.2S 1000
Ekip Hi-Touch4LSIG
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
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Container Information

Package Level 1 Depth / Length:	615 mm	515 mm	615 mm	515 mm
Package Level 1 EAN:				
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1000
Ekip Touch4
LSI 4p WMP



E2.2S 1000
Ekip Touch4
LSI 3p WMP



E2.2S 1000
Ekip Touch4
LSI 4p F HR



E2.2S 1000
Ekip Touch4
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:				
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1000
Ekip Touch
LSIG 4p
WMP



E2.2S 1000
Ekip Touch
LSIG 3p
WMP



E2.2S 1000
Ekip Touch
LSIG 4p F
HR



E2.2S 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:	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:				
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1250
Ekip Dip LI
3p WMP



E2.2S 1250
Ekip Dip LI
4p F HR



E2.2S 1250
Ekip Dip LI
4p WMP



E2.2S 1250
Ekip Dip LI
3p F HR

Dimensions

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

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	615 mm	515 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	53 kg	58 kg	60 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:				
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	F	W	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:	176 W	83 W	176 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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	Main Circuit M12	N/A	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:	S	S	S	S
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2
Terminal Connection Type:	N/A	Rear flat Horizontal	N/A	Rear flat Horizontal
Terminal Type:	N/A	Bolt	N/A	Bolt
Tightening Torque:	N/A	70 N·m	N/A	70 N·m



E2.2S 1250
Ekip Dip LSI
3p WMP



E2.2S 1250
Ekip Dip LSI
4p WMP



E2.2S 1250
Ekip Dip LSI
3p WMP +
Acc



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

Dimensions

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

Container Information

Package Level 1 Depth / Length:	515 mm	615 mm	N/A	615 mm
Package Level 1 EAN:			N/A	
Package Level 1 Gross Weight:	53 kg	60 kg	N/A	58 kg
Package Level 1 Height:	610 mm	610 mm	N/A	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	N/A	515 mm

Additional Information

CAD Dimensional Drawing:	N/A			
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	N/A	Air Circuit Breaker
Version:	W	W	N/A	F

Technical

Current Type:	AC	AC	N/A	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	N/A	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	N/A	25000 cycle 60 cycles per hour
Neutral Pole Current ([%Iu]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	N/A	4
Power Loss:	176 W	176 W	N/A	83 W
Rated Current (I _n):	1250 A	1250 A	N/A	1250 A
Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	N/A	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V	N/A	AC 1000 V
Rated Operational Voltage:	690 V AC	690 V AC	N/A	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	N/A	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 %	N/A	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	N/A	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	N/A	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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	N/A	1250 A
Rated Voltage (U _r):	690 V	690 V	N/A	690 V
Recommended Screw Driver:	N/A	N/A	N/A	Main Circuit M12
Release:	Ekip Dip LSI	Ekip Dip LSI	N/A	Ekip Dip LSI
Release Type:	EL	EL	N/A	EL
Short-Circuit Performance Level:	S	S	N/A	S
Standards:	IEC	IEC	N/A	IEC
Sub-type:	E2.2	E2.2	N/A	E2.2
Terminal Connection Type:	N/A	N/A	N/A	Rear flat Horizontal
Terminal Type:	N/A	N/A	N/A	Bolt
Tightening Torque:	N/A	N/A	N/A	70 N·m



E2.2S 1250
Ekip Dip
LSIG 3p
WMP



E2.2S 1250
Ekip Dip
LSIG 4p
WMP



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



E2.2S 1250
Ekip Dip
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:				
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1250
Ekip Hi-Touch4LSI
3p WMP

E2.2S 1250
Ekip Hi-Touch4LSI
4p WMP

E2.2S 1250
Ekip Hi-Touch4LSI
4p F HR

E2.2S 1250
Ekip Hi-Touch4LSI
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:	8015644761684	8015644767983	8015644754488	8015644748180
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



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



E2.2S 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:	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:				
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1250
Ekip Touch
LI 3p WMP

E2.2S 1250
Ekip Touch
LI 4p WMP

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

E2.2S 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:	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:	8015644761646	8015644767945	8015644754440	8015644748142
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1250
Ekip Touch
LSI 3p WMP



E2.2S 1250
Ekip Touch
LSI 4p
WMP



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



E2.2S 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:	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:				
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:				
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:	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1250

Ekip Touch

LSIG 3p

WMP

E2.2S 1250

Ekip Touch

LSIG 4p

WMP

E2.2S 1250

Ekip Touch

LSIG 4p F

HR

E2.2S 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:	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:				
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:				
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]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 _{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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1600
Ekip Dip LI
3p WMP



E2.2S 1600
Ekip Dip LI
4p WMP



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



E2.2S 1600
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:	8015644762018	8015644768317	8015644748517	8015644754815
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:				
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 %	N/A	100 %
Number of Poles:	3	4	3	4
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
Standards:	IEC	IEC	IEC	IEC
Sub-type:	E2.2	E2.2	E2.2	E2.2

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



E2.2S 1600
Ekip Dip LSI
3p WMP



E2.2S 1600
Ekip Dip LSI
4p WMP



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



E2.2S 1600
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:				
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:				
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

Additional Information

CAD Dimensional Drawing:				
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]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1600
Ekip Dip
LSIG43p
WMP

E2.2S 1600
Ekip Dip
LSIG44p
WMP

E2.2S 1600
Ekip Dip
LSIG44p F
HR

E2.2S 1600
Ekip Dip
LSIG43p 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:				
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
	100 %	100 %	100 %	100 %
	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
	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
	1600 A	1600 A	1600 A	1600 A
	690 V	690 V	690 V	690 V
	N/A	N/A	Main Circuit M12	Main Circuit M12
	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
	IEC	IEC	IEC	IEC
	E2.2	E2.2	E2.2	E2.2
	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal
	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	70 N·m	70 N·m



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



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



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



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

Dimensions				
Product Net Depth / Length:	383 mm	383 mm	270 mm	270 mm
	425 mm	425 mm	371 mm	371 mm
	48 kg	55 kg	53 kg	41 kg
	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:				
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:				
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]):	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



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



E2.2S 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:				
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:				
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1600 Ekip Touch LI43p WMP

E2.2S 1600 Ekip Touch LI44p WMP

E2.2S 1600 Ekip Touch LI43p F HR

E2.2S 1600 Ekip Touch LI44p 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:				
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:				
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 %	N/A	100 %
Number of Poles:	3	4	3	4
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1600
Ekip Touch
LSI 4p WMP



E2.2S 1600
Ekip Touch
LSI 3p WMP



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



E2.2S 1600
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:				
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:				
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	N/A	100 %
Number of Poles:	4	3	3	4
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 1600
Ekip Touch
LSIG 3p
WMP

E2.2S 1600
Ekip Touch
LSIG 4p
WMP

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

E2.2S 1600
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:				
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:				
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]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2000
Ekip Dip LI
3p WMP

E2.2S 2000
Ekip Dip LI
4p WMP

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

E2.2S 2000
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:	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:				
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:				
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 Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 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]):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 LI	Ekip Dip LI	Ekip Dip LI	Ekip Dip LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 2000
Ekip Dip LSI
4p WMP



E2.2S 2000
Ekip Dip LSI
3p WMP



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



E2.2S 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:				
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:				
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 Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ie = 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 ([%Iu]):	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2000
Ekip Dip
LSIG 4p
WMP



E2.2S 2000
Ekip Dip
LSIG 3p WMP



E2.2S 2000
Ekip Dip
LSIG 4p F HR



E2.2S 2000
Ekip Dip
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:				
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:				
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 e = 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	100 %	N/A
Number of Poles:	4	3	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



E2.2S 2000
Ekip Hi-
Touch LSI 4p
WMP + Acc



E2.2S 2000
Ekip Hi-
Touch LSI 3p
WMP + Acc

Dimensions

Product Net Depth / Length:	383 mm	383 mm	N/A	N/A
Product Net Height:	425 mm	425 mm	N/A	N/A
Product Net Weight:	55 kg	48 kg	N/A	N/A
Product Net Width:	407 mm	317 mm	N/A	N/A

Container Information

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

Additional Information

CAD Dimensional Drawing:			N/A	N/A
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	N/A	N/A
Version:	W	W	N/A	N/A

Technical

Current Type:	AC	AC	N/A	N/A
Electrical Durability:	Ue =< 440 V 10000 cycle e = 500 ... 690 V 8000 cycle 30 cycles per hour	Ue =< 440 V 10000 cycle Ue = 500 ... 690 V 8000 cycle 30 cycles per hour	N/A	N/A
Mechanical Durability:	25000 cycle 60 cycles per hour	25000 cycle 60 cycles per hour	N/A	N/A
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	N/A
Number of Poles:	4	3	N/A	N/A
Power Loss:	450 W	450 W	N/A	N/A
Rated Current (I _n):	2000 A	2000 A	N/A	N/A

Rated Impulse Withstand Voltage (U _{imp}):	acc. to IEC 60947-2 12 kV	acc. to IEC 60947-2 12 kV	N/A	N/A
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V	N/A	N/A
Rated Operational Voltage:	690 V AC	690 V AC	N/A	N/A
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	N/A	N/A
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}):	100 %	100 %	N/A	N/A
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	N/A	N/A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	N/A	N/A
Rated Uninterrupted Current (I _u):	2000 A	2000 A	N/A	N/A
Rated Voltage (U _r):	690 V	690 V	N/A	N/A
Release:	Ekip Hi-Touch LSI	Ekip Hi-Touch LSI	N/A	N/A
Release Type:	EL	EL	N/A	N/A
Short-Circuit Performance Level:	S	S	N/A	N/A
Standards:	IEC	IEC	N/A	N/A
Sub-type:	E2.2	E2.2	N/A	N/A



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



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



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



E2.2S 2000
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:				
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:				
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 e = 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	100 %	N/A
Number of Poles:	4	3	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2000
Ekip Touch LI4
3p WMP

E2.2S 2000
Ekip Touch LI4
4p WMP

E2.2S 2000
Ekip Touch LI4
3p F HR

E2.2S 2000
Ekip Touch LI4
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:				
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:				
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 e = 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]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2000
Ekip Touch
LSI 4p WMP

E2.2S 2000
Ekip Touch
LSI 3p WMP

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

E2.2S 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:				
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:				
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 Je = 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2000

Ekip Touch

LSIG 4p

WMP



E2.2S 2000

Ekip Touch

LSIG 3p

WMP



E2.2S 2000

Ekip Touch

LSIG 4p F

HR



E2.2S 2000

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:				
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:				
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 e = 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	100 %	N/A
Number of Poles:	4	3	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2500
Ekip Dip LI
3p WMP



E2.2S 2500
Ekip Dip LI
4p WMP



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



E2.2S 2500
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:	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:				
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:				
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 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 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2500
Ekip Dip LSI
3p WMP

E2.2S 2500
Ekip Dip LSI
4p WMP

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

E2.2S 2500
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:	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:				
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:				
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 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 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2500
Ekip Dip LSI G4
3p WMP



E2.2S 2500
Ekip Dip LSI G4
4p WMP



E2.2S 2500
Ekip Dip LSI G4
3p F HR



E2.2S 2500
Ekip Dip LSI G4
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:	8015644762735	8015644769031	8015644749231	8015644755539
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 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 LSIG	Ekip Dip LSIG	Ekip Dip LSIG	Ekip Dip LSIG
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 2500
Ekip Hi-Touch4LSI 3p
WMP



E2.2S 2500
Ekip Hi-Touch4LSI 4p WMP



E2.2S 2500
Ekip Hi-Touch4LSI 4p F HR



E2.2S 2500
Ekip Hi-Touch4LSI 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:				
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:				
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 e = 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 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



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



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



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



E2.2S 2500
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:	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:				
Package Level 1 Gross Weight:				
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:				
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 e = 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 %	100 %	N/A
Number of Poles:	3	4	4	3
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 Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2500
Ekip Touch
LI 3p WMP



E2.2S 2500
Ekip Touch
LI 4p WMP



E2.2S 2500
Ekip Touch
LI 4p F HR



E2.2S 2500
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:	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:				
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:				
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 e = 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 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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 LI	Ekip Touch LI	Ekip Touch LI	Ekip Touch LI
Release Type:	EL	EL	EL	EL
Short-Circuit Performance Level:	S	S	S	S
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



E2.2S 2500
Ekip Touch
LSI 3p WMP

E2.2S 2500
Ekip Touch
LSI 4p WMP

E2.2S 2500
Ekip Touch
LSI 4p F HR

E2.2S 2500
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:				
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:				
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 %	100 %	N/A
Number of Poles:	3	4	4	3
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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



E2.2S 2500
Ekip Touch
LSIG 3p
WMP



E2.2S 2500
Ekip Touch
LSIG 4p
WMP



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



E2.2S 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:				
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:				
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 e = 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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 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:	S	S	S	S
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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