

Автоматические выключатели Emax2

E4.2S-A, E4.2S

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
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Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
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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
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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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E4.2S 3200
Ekip Dip LI 3p
WMP



E4.2S 3200
Ekip Dip LI
4p WMP



E4.2S 3200
Ekip Dip LI
4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle e = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Dip LSI
3p WMP



E4.2S 3200
Ekip Dip LSI
4p WMP



E4.2S 3200
Ekip Dip LSI
4p F HR



E4.2S 3200 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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle Je = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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 _{nl}):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Dip LSI
3p WMP



E4.2S 3200
Ekip Dip LSI
4p WMP



E4.2S 3200
Ekip Dip LSI
4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg

Product Net Width:	425 mm	551 mm	510 mm	384 mm
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Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle e = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Hi-Touch
LSI 3p WMP



E4.2S 3200
Ekip Hi-Touch
LSI 4p WMP



E4.2S 3200
Ekip Hi-Touch
LSI 4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle e = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Hi-Touch
LSIG 3p WMP



E4.2S 3200
Ekip Hi-Touch
LSIG 4p WMP



E4.2S 3200
Ekip Hi-Touch
LSIG 4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle Ie = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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 _{nl}):	N/A	100 %	100 %	N/A
Number of Poles:	3	4	4	3
Power Loss:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Touch LI
3p WMP



E4.2S 3200
Ekip Touch LI
4p WMP



E4.2S 3200
Ekip Touch LI
4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle e = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Touch
LSI 3p WMP



E4.2S 3200
Ekip Touch
LSI 4p WMP



E4.2S 3200
Ekip Touch
LSI 4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 3200
Ekip Touch
LSIG 3p WMP



E4.2S 3200
Ekip Touch
LSIG 4p WMP



E4.2S 3200
Ekip Touch
LSIG 4p F HR



E4.2S 3200
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:	60 kg	74 kg	70 kg	56 kg
Product Net Width:	425 mm	551 mm	510 mm	384 mm

Container Information				
Package Level 1 Depth / Length:	615 mm	785 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	67 kg	81 kg	77 kg	63 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 7000 cycle e = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 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:	743 W	743 W	425 W	425 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	3200 A	3200 A	3200 A	3200 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Dip LI 4p
WMP



E4.2S 4000
Ekip Dip LI 3p
WMP



E4.2S 4000
Ekip Dip LI 4p
F HR



E4.2S 4000
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle e = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Dip LSI
4p WMP



E4.2S 4000
Ekip Dip LSI
3p WMP



E4.2S 4000
Ekip Dip LSI
4p F HR



E4.2S 4000
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Dip LSI
4p WMP



E4.2S 4000
Ekip Dip LSI
3p WMP



E4.2S 4000
Ekip Dip LSI
4p F HR



E4.2S 4000
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000

Ekip Hi-Touch LSI 4p WMP



E4.2S 4000

Ekip Hi-Touch LSI 3p WMP



E4.2S 4000

Ekip Hi-Touch LSI 4p F HR



E4.2S 4000

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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Hi-Touch LSIG
4p WMP



E4.2S 4000
Ekip Hi-Touch LSIG
3p WMP



E4.2S 4000
Ekip Hi-Touch LSIG
4p F HR



E4.2S 4000
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Je = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour
Neutral Pole Current ([%Iu]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3

Power Loss:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Touch LI4
4p WMP



E4.2S 4000
Ekip Touch LI4
3p WMP



E4.2S 4000
Ekip Touch LI4
4p F HR



E4.2S 4000
Ekip Touch LI4
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Touch
LSI 4p WMP



E4.2S 4000
Ekip Touch
LSI 3p WMP



E4.2S 4000
Ekip Touch
LSI 4p F HR



E4.2S 4000 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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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
	Product Name:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
	Product Type:	Air Circuit Breaker	Air Circuit Breaker	Air Circuit Breaker
	Version:	W	W	F

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I_n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S 4000
Ekip Touch
LSIG 4p WMP



E4.2S 4000
Ekip Touch
LSIG 3p WMP



E4.2S 4000
Ekip Touch
LSIG 4p F HR



E4.2S 4000
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:	74 kg	60 kg	70 kg	56 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	67 kg	77 kg	63 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 5000 cycle Ie = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour	Ue =< 440 V 5000 cycle Ue = 500 ... 690 V 4000 cycle 20 cycles per hour
Mechanical Durability:	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 cycle 60 cycles per hour	15000 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:	900 W	900 W	465 W	465 W
Rated Current (I _n):	4000 A	4000 A	4000 A	4000 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 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 kA	for 1 s 66 kA for 3 s 66 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):	4000 A	4000 A	4000 A	4000 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:	E4.2	E4.2	E4.2	E4.2
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



E4.2S-A 2500
Ekip Dip LI 4p
WMP



E4.2S-A 2500
Ekip Dip LI 3p
WMP



E4.2S-A 2500
Ekip Dip LI 4p
F HR



E4.2S-A 2500
Ekip Dip LI 3p
F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	510 mm	384 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	81 kg	95 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 =< 508 V 8000 cycle Je = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 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 ([%Iu]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Dip LSI
3p F HR

E4.2S-A 2500
Ekip Dip LSI
4p F HR

E4.2S-A 2500
Ekip Dip LSI
3p WMP

E4.2S-A 2500
Ekip Dip LSI 4p
WMP

Dimensions

Product Net Depth / Length:	270 mm	270 mm	393 mm	393 mm
Product Net Height:	371 mm	371 mm	425 mm	425 mm
Product Net Weight:	81 kg	81 kg	85 kg	85 kg
Product Net Width:	384 mm	510 mm	425 mm	551 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	95 kg	81 kg	100 kg	91 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:	F	F	W	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 8000 cycle Je = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 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:	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Horizontal	Rear flat Horizontal	N/A	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Dip LSI
4p WMP



E4.2S-A 2500
Ekip Dip LSI
3p WMP



E4.2S-A 2500
Ekip Dip LSI
3p F HR



E4.2S-A 2500
Ekip Dip LSI
4p F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	384 mm	510 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	95 kg	81 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 =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A
2500 Ekip
Hi-Touch LSI
4p WMP



E4.2S-A
2500 Ekip
Hi-Touch LSI
3p WMP



E4.2S-A
2500 Ekip
Hi-Touch LSI
3p F HR



E4.2S-A
2500 Ekip
Hi-Touch LSI
4p F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	384 mm	510 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	95 kg	81 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 =< 508 V 8000 cycle e = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Hi-
Touch LSIG
4p WMP



E4.2S-A 2500
Ekip Hi-
Touch LSIG
3p WMP



E4.2S-A 2500
Ekip Hi-
Touch LSIG
3p F HR



E4.2S-A 2500
Ekip Hi-
Touch LSIG
4p F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	384 mm	510 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	95 kg	81 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 =< 508 V 8000 cycle e = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Touch LI
4p F HR



E4.2S-A 2500
Ekip Touch LI
3p F HR



E4.2S-A 2500
Ekip Touch LI
3p WMP



E4.2S-A 2500
Ekip Touch LI
4p WMP

Dimensions

Product Net Depth / Length:	270 mm	270 mm	393 mm	393 mm
Product Net Height:	371 mm	371 mm	425 mm	425 mm
Product Net Weight:	81 kg	81 kg	85 kg	85 kg
Product Net Width:	510 mm	384 mm	425 mm	551 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	95 kg	100 kg	91 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:	F	F	W	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 8000 cycle e = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 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 ([%Iu]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Horizontal	Rear flat Horizontal	N/A	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Touch4LSI
4p WMP



E4.2S-A 2500
Ekip Touch4LSI
3p WMP



E4.2S-A 2500
Ekip Touch4LSI
3p F HR



E4.2S-A 2500
Ekip Touch4LSI
4p F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	384 mm	510 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	95 kg	81 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 =< 508 V 8000 cycle e = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _N]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _N):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 2500
Ekip Touch
LSIG 4p WMP

E4.2S-A 2500
Ekip Touch
LSIG 3p WMP

E4.2S-A 2500
Ekip Touch
LSIG 3p F HR

E4.2S-A 2500
Ekip Touch
LSIG 4p F HR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	384 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	85 kg	85 kg	81 kg	81 kg
Product Net Width:	551 mm	425 mm	270 mm	510 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	100 kg	95 kg	81 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 =< 508 V 8000 cycle Ie = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour	Ue =< 508 V 8000 cycle Ue = 508 ... 635 V 8000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	N/A	100 %
Number of Poles:	4	3	3	4
Power Loss:	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 410 W	at Rated Operating Conditions per Pole 310 W	at Rated Operating Conditions per Pole 310 W
Rated Current (I _n):	2500 A	2500 A	2500 A	2500 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Horizontal	Rear flat Horizontal

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Dip LI 4p
FVR



E4.2S-A 3200
Ekip Dip LI 3p
FVR



E4.2S-A 3200
Ekip Dip LI 4p
WMP



E4.2S-A 3200
Ekip Dip LI 3p
WMP

Dimensions

Product Net Depth / Length:	270 mm	270 mm	393 mm	393 mm
Product Net Height:	371 mm	371 mm	425 mm	425 mm
Product Net Weight:	60 kg	60 kg	64 kg	64 kg
Product Net Width:	510 mm	384 mm	551 mm	425 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	81 kg	66 kg	91 kg	75 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:	F	F	W	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Je = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Vertical	Rear flat Vertical	N/A	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Dip LSI
3p WMP



E4.2S-A 3200
Ekip Dip LSI
4p WMP



E4.2S-A 3200
Ekip Dip LSI
3p FVR



E4.2S-A 3200
Ekip Dip LSI
4p FVR

Dimensions

Product Net Depth / Length:	393 mm	393 mm	270 mm	270 mm
Product Net Height:	425 mm	425 mm	371 mm	371 mm
Product Net Weight:	64 kg	64 kg	60 kg	60 kg
Product Net Width:	425 mm	551 mm	384 mm	510 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	75 kg	91 kg	66 kg	81 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 =< 508 V 7000 cycle Je = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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 ([%Iu]):	N/A	100 %	N/A	100 %
Number of Poles:	3	4	3	4
Power Loss:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	N/A	Rear flat Vertical	Rear flat Vertical

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Dip LSI
3p WMP



E4.2S-A 3200
Ekip Dip LSI
3p FVR



E4.2S-A 3200
Ekip Dip LSI
4p FVR



E4.2S-A 3200
Ekip Dip LSI
4p WMP

Dimensions

Product Net Depth / Length:	393 mm	270 mm	270 mm	393 mm
Product Net Height:	425 mm	371 mm	371 mm	425 mm
Product Net Weight:	64 kg	60 kg	60 kg	64 kg
Product Net Width:	425 mm	384 mm	510 mm	551 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm	785 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	75 kg	66 kg	81 kg	91 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	F	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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	N/A	100 %	100 %
Number of Poles:	3	3	4	4
Power Loss:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	Rear flat Vertical	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A
3200 Ekip
Hi-Touch LSI
4p WMP



E4.2S-A
3200 Ekip
Hi-Touch LSI
3p FVR



E4.2S-A
3200 Ekip
Hi-Touch LSI
4p FVR



E4.2S-A
3200 Ekip
Hi-Touch LSI
3p WMP

Dimensions

Product Net Depth / Length:	393 mm	270 mm	270 mm	393 mm
Product Net Height:	425 mm	371 mm	371 mm	425 mm
Product Net Weight:	64 kg	60 kg	60 kg	64 kg
Product Net Width:	551 mm	384 mm	510 mm	425 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	66 kg	81 kg	75 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	F	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ie = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ie = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ie = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ie = 508 ... 635 V 7000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	Rear flat Vertical	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A
3200 Ekip
Hi-Touch
LSIG 3p FVR



E4.2S-A
3200 Ekip
Hi-Touch
LSIG 3p
WMP



E4.2S-A
3200 Ekip
Hi-Touch
LSIG 4p FVR



E4.2S-A
3200 Ekip
Hi-Touch
LSIG 4p
WMP

Dimensions

Product Net Depth / Length:	270 mm	393 mm	270 mm	393 mm
Product Net Height:	371 mm	425 mm	371 mm	425 mm
Product Net Weight:	60 kg	64 kg	60 kg	64 kg
Product Net Width:	384 mm	425 mm	510 mm	551 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm	785 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	66 kg	75 kg	81 kg	91 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:	F	W	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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	N/A	100 %	100 %
Number of Poles:	3	3	4	4
Power Loss:	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Vertical	N/A	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Touch LI
4p WMP



E4.2S-A 3200
Ekip Touch LI
3p FVR



E4.2S-A 3200
Ekip Touch LI
4p FVR



E4.2S-A 3200
Ekip Touch LI
3p WMP

Dimensions

Product Net Depth / Length:	393 mm	270 mm	270 mm	393 mm
Product Net Height:	425 mm	371 mm	371 mm	425 mm
Product Net Weight:	64 kg	60 kg	60 kg	64 kg
Product Net Width:	551 mm	384 mm	510 mm	425 mm

Container Information

Package Level 1 Depth / Length:	785 mm	615 mm	785 mm	615 mm
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Package Level 1 Gross Weight:	91 kg	66 kg	81 kg	75 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	F	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour
Mechanical Durability:	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour	20000 cycle 60 cycles per hour
Neutral Pole Current ([%I _n]):	100 %	N/A	100 %	N/A
Number of Poles:	4	3	4	3
Power Loss:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	Rear flat Vertical	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Touch4LSI
3p WMP



E4.2S-A 3200
Ekip Touch4LSI
4p FVR



E4.2S-A 3200
Ekip Touch4LSI
3p FVR



E4.2S-A 3200
Ekip Touch4LSI
4p WMP

Dimensions

Product Net Depth / Length:	393 mm	270 mm	270 mm	393 mm
Product Net Height:	425 mm	371 mm	371 mm	425 mm
Product Net Weight:	64 kg	60 kg	60 kg	64 kg
Product Net Width:	425 mm	510 mm	384 mm	551 mm

Container Information

Package Level 1 Depth / Length:	615 mm	785 mm	615 mm	785 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	75 kg	81 kg	66 kg	91 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	F	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ie = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	Rear flat Vertical	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3200
Ekip Touch
LSIG 4p WMP



E4.2S-A 3200
Ekip Touch
LSIG 4p FVR



E4.2S-A 3200
Ekip Touch
LSIG 3p FVR



E4.2S-A 3200
Ekip Touch
LSIG 3p WMP

Dimensions

Product Net Depth / Length:	393 mm	270 mm	270 mm	393 mm
Product Net Height:	425 mm	371 mm	371 mm	425 mm
Product Net Weight:	64 kg	60 kg	60 kg	64 kg
Product Net Width:	551 mm	510 mm	384 mm	425 mm

Container Information

Package Level 1 Depth / Length:	785 mm	785 mm	615 mm	615 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	91 kg	81 kg	66 kg	75 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	F	F	W

Technical

Current Type:	AC	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Je = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 508 ... 635 V 7000 cycle 20 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 ([%Iu]):	100 %	100 %	N/A	N/A
Number of Poles:	4	4	3	3
Power Loss:	at Rated Operating Conditions per Pole 610 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 445 W	at Rated Operating Conditions per Pole 610 W
Rated Current (I _n):	3200 A	3200 A	3200 A	3200 A
Rated Insulation Voltage (U _i):	AC 635 V	AC 635 V	AC 635 V	AC 635 V
Rated Operational Voltage:	600 V AC	600 V AC	600 V AC	600 V AC
Rated Voltage (U _r):	600 V	600 V	600 V	600 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:	UL	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2	E4.2
Terminal Connection Type:	N/A	Rear flat Vertical	Rear flat Vertical	N/A

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA	(254 V) 65 kA (508 V) 65 kA (635 V) 65 kA
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E4.2S-A 3600
Ekip Dip LSIG 3p
FVR



E4.2S-A 3600 Ekip
Touch LSI 3p FVR



E4.2S-A 3600 Ekip
Touch LI 3p FVR

Dimensions

Product Net Depth / Length:	270 mm	270 mm	270 mm
Product Net Height:	371 mm	371 mm	371 mm
Product Net Weight:	95 kg	95 kg	95 kg
Product Net Width:	384 mm	384 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm	615 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	108 kg	108 kg	108 kg
Package Level 1 Height:	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm

Additional Information

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

Technical

Current Type:	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour
Mechanical Durability:	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour

Number of Poles:	3	3	3
Power Loss:	578 W	578 W	578 W
Rated Current (I _n):	3600 A	3600 A	3600 A
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V	AC 1000 V
Rated Operational Voltage:	635 V AC	635 V AC	635 V AC
Rated Voltage (U _r):	600 V	600 V	600 V
Release:	Ekip Dip LSIG	Ekip Touch LSI	Ekip Touch LI
Release Type:	EL	EL	EL
Short-Circuit Performance Level:	S	S	S
Standards:	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Vertical	Rear flat Vertical	Rear flat Vertical



Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 85 kA (508 V) 85 kA (635 V) 85 kA
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E4.2S-A 3600 Ekip
Touch LSI 3p FVR



E4.2S-A 3600
Ekip Dip LSI 3p
FVR



E4.2S-A 3600 Ekip
Dip LI 3p FVR



Dimensions

Product Net Depth / Length:	270 mm	270 mm	270 mm
Product Net Height:	371 mm	371 mm	371 mm
Product Net Weight:	95 kg	95 kg	95 kg
Product Net Width:	384 mm	384 mm	384 mm



Container Information

Package Level 1 Depth / Length:	615 mm	615 mm	615 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	108 kg	108 kg	108 kg
Package Level 1 Height:	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm



Additional Information

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

Version:	F	F	F
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Technical

Current Type:	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour
Mechanical Durability:	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour
Number of Poles:	3	3	3
Power Loss:	578 W	578 W	578 W
Rated Current (I _n):	3600 A	3600 A	3600 A
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V	AC 1000 V
Rated Operational Voltage:	635 V AC	635 V AC	635 V AC
Rated Voltage (U _r):	600 V	600 V	600 V
Release:	Ekip Touch LSIG	Ekip Dip LSI	Ekip Dip LI
Release Type:	EL	EL	EL
Short-Circuit Performance Level:	S	S	S
Standards:	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Vertical	Rear flat Vertical	Rear flat Vertical

Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA
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E4.2S-A 3600
Ekip G Touch
LSIG 3p FVR



E4.2S-A 3600
Ekip Hi-Touch
LSI 3p FVR



E4.2S-A 3600
Ekip Hi-Touch
LSIG 3p FVR

Dimensions

Product Net Depth / Length:	270 mm	270 mm	270 mm
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Product Net Height:	371 mm	371 mm	371 mm
Product Net Weight:	95 kg	95 kg	95 kg
Product Net Width:	384 mm	384 mm	384 mm

Container Information

Package Level 1 Depth / Length:	615 mm	615 mm	615 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	108 kg	108 kg	108 kg
Package Level 1 Height:	610 mm	610 mm	610 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	515 mm	515 mm	515 mm

Additional Information

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

Technical

Current Type:	AC	AC	AC
Electrical Durability:	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour	Ue =< 508 V 7000 cycle Ue = 635 V 7000 cycle 20 cycles per hour
Mechanical Durability:	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour	12000 cycle 60 cycles per hour
Number of Poles:	3	3	3
Power Loss:	578 W	578 W	578 W
Rated Current (I _n):	3600 A	3600 A	3600 A
Rated Insulation Voltage (U _i):	AC 1000 V	AC 1000 V	AC 1000 V
Rated Operational Voltage:	635 V AC	635 V AC	635 V AC
Rated Voltage (U _r):	600 V	600 V	600 V
Release:	Ekip G Touch LSIG	Ekip Hi-Touch LSI	Ekip Hi-Touch LSIG
Release Type:	EL	EL	EL

Short-Circuit Performance Level:	S	S	S
Standards:	UL	UL	UL
Sub-type:	E4.2	E4.2	E4.2
Terminal Connection Type:	Rear flat Vertical	Rear flat Vertical	Rear flat Vertical



Technical UL/CSA

Interrupting Rating acc. to UL1066:	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA	(254 V) 66 kA (508 V) 66 kA (635 V) 66 kA
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