

Автоматические выключатели Tmax XT XT1B, XT1C, XT1D, XT1H, XT1N, XT1S

Технические характеристики

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XT1B 160 TMD
20-450 3p F F



XT1B 160 TMD
20-450 4p F F



XT1B 160 TMD
16-450 3p F F



XT1B 160 TMD
16-450 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.118 kg	1.4 kg	1.119 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.5 W	at Rated Operating Conditions per Pole 1.5 W
Rated Current (I _n):	20 A	20 A	16 A	16 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV

Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA 500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA 500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	14...20 A	14...20 A	11.2...16 A	11.2...16 A
Short-Circuit Performance Level:	B	B	B	B
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1B 160 TMD
32-450 3p F F



XT1B 160 TMD
25-450 3p F F



XT1B 160 TMD
25-450 4p F F



XT1B 160 TMD
32-450 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.11 kg	1.126 kg	1.424 kg	1.441 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.1 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2.1 W
Rated Current (I _n):	32 A	25 A	25 A	32 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA 500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA 500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA 250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
	160 A	160 A	160 A	160 A
	690 V	690 V	690 V	690 V
	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
	TMD	TMD	TMD	TMD
	TM	TM	TM	TM
	22.4...32 A	17.5...25 A	17.5...25 A	22.4...32 A
	B	B	B	B
	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Short-Circuit Performance Level:	XT1	XT1	XT1	XT1
	Front	Front	Front	Front
	Bolt	Bolt	Bolt	Bolt
	6 N·m	6 N·m	6 N·m	6 N·m



XT1B 160 TMD
50-500 3p F F



XT1B 160 TMD
40-450 3p F F



XT1B 160 TMD
40-450 4p F F



XT1B 160 TMD
50-500 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.134 kg	1.124 kg	1.43 kg	1.441 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	50 A	40 A	40 A	50 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	450 A	450 A	500 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA

	(500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I_u):	160 A	160 A	160 A	160 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	35...50 A	28...40 A	28...40 A	35...50 A
Short-Circuit Performance Level:	B	B	B	B
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1B 160 TMD
63-630 3p F F



XT1B 160 TMD
80-800 3p F F



XT1B 160 TMD
63-630 4p F F



XT1B 160 TMD
80-800 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.135 kg	1.133 kg	1.43 kg	1.448 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n):	63 A	80 A	63 A	80 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	630 A	800 A	630 A	800 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA

	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	44.1...63 A	56...80 A	44.1...63 A	56...80 A
Short-Circuit Performance Level:	B	B	B	B
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1B 160 TMD
100-1000 3p F F



XT1B 160 TMD
100-1000 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.134 kg	1.44 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n):	100 A	100 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1000 A	1000 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 25 kA	(220 V AC) 25 kA
	(230 V AC) 25 kA	(230 V AC) 25 kA
	(240 V AC) 25 kA	(240 V AC) 25 kA
	(380 V AC) 18 kA	(380 V AC) 18 kA
	(415 V AC) 18 kA	(415 V AC) 18 kA
	(440 V AC) 11.25 kA	(440 V AC) 11.25 kA
	(500 V AC) 8 kA	(500 V AC) 8 kA
	(525 V AC) 6 kA	(525 V AC) 6 kA
	(690 V AC) 3 kA	(690 V AC) 3 kA
	(250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 25 kA	(220 V AC) 25 kA
	(230 V AC) 25 kA	(230 V AC) 25 kA
	(240 V AC) 25 kA	(240 V AC) 25 kA
	(380 V AC) 18 kA	(380 V AC) 18 kA
	(415 V AC) 18 kA	(415 V AC) 18 kA
	(440 V AC) 15 kA	(440 V AC) 15 kA
	(500 V AC) 8 kA	(500 V AC) 8 kA
	(525 V AC) 6 kA	(525 V AC) 6 kA
	(690 V AC) 3 kA	(690 V AC) 3 kA
	(250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA	(250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	70...100 A	70...100 A
Short-Circuit Performance Level:	B	B
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m






XT1C 160 TMD
16-450 3p4F F

XT1C 160 TMD
25-450 3p4F F

XT1C 160 TMD
25-450 4p4F F

XT1C 160 TMD
16-450 4p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1 kg	1.1 kg	1.4 kg	1.3 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.124 kg	1.435 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	N/A	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	N/A
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	N/A	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2 W	N/A
Rated Current (I _n):	16 A	25 A	25 A	16 A
Rated Frequency (f):	N/A	50 / 60 Hz	50 / 60 Hz	N/A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA
	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA
	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M6	Main Circuit M6	N/A
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	11.2...16 A	17.5...25 A	17.5...25 A	11.2...16 A
Short-Circuit Performance Level:	C	C	C	C
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	N/A	Bolt	Bolt	N/A
Tightening Torque:	N/A	6 N·m	6 N·m	N/A



XT1C 160 TMD
32-450 4p4F F



XT1C 160 TMD
25-450 3p4F F



XT1C 160 TMD
32-450 3p4F F



XT1C 160 TMD
25-450 4p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg	1.1 kg	1.4 kg
Product Net Width:	101.6 mm	76.2 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.426 kg	1.124 kg	1.12 kg	1.435 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT

Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.1 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2.1 W	at Rated Operating Conditions per Pole 2 W
Rated Current (I _n):	32 A	25 A	32 A	25 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _l):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	22.4...32 A	17.5...25 A	22.4...32 A	17.5...25 A
Short-Circuit Performance Level:	C	C	C	C
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2

Sub-type:	XT1		XT1	
	XT1		XT1	
	XT1		XT1	
	XT1		XT1	
Terminal Connection Type:	Front		Front	
Terminal Type:	Bolt		Bolt	
Tightening Torque:	6 N·m		6 N·m	



XT1C 160 TMD
50-500 4p4F F



XT1C 160 TMD
40-450 3p4F F



XT1C 160 TMD
50-500 3p4F F



XT1C 160 TMD
40-450 4p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg	1.1 kg	1.4 kg
Product Net Width:	101.6 mm	76.2 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.427 kg	1.12 kg	1.12 kg	1.431 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle

Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n):	50 A	40 A	50 A	40 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short- Circuit Current Setting (I _i):	500 A	450 A	500 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA
	(415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA	(415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA	(415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA	(415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA
	250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA
	500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA
	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA
	250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA
	500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	35...50 A	28...40 A	35...50 A	28...40 A
Short-Circuit Performance Level:	C	C	C	C
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1C 160 TMD
80-800 3p4F F



XT1C 160 TMD
63-630 3p4F F



XT1C 160 TMD
63-630 4p4F F



XT1C 160 TMD
80-800 4p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.133 kg	1.135 kg	1.446 kg	1.438 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n):	80 A	63 A	63 A	80 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz

Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i):	800 A	630 A	630 A	800 A
Rated Insulation Voltage (U_i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 40 kA	(220 V AC) 40 kA	(220 V AC) 40 kA	(220 V AC) 40 kA
	(230 V AC) 40 kA	(230 V AC) 40 kA	(230 V AC) 40 kA	(230 V AC) 40 kA
	(240 V AC) 40 kA	(240 V AC) 40 kA	(240 V AC) 40 kA	(240 V AC) 40 kA
	(380 V AC) 25 kA	(380 V AC) 25 kA	(380 V AC) 25 kA	(380 V AC) 25 kA
	(415 V AC) 25 kA	(415 V AC) 25 kA	(415 V AC) 25 kA	(415 V AC) 25 kA
	(440 V AC) 12.5 kA	(440 V AC) 12.5 kA	(440 V AC) 12.5 kA	(440 V AC) 12.5 kA
	(500 V AC) 9 kA	(500 V AC) 9 kA	(500 V AC) 9 kA	(500 V AC) 9 kA
	(525 V AC) 8 kA	(525 V AC) 8 kA	(525 V AC) 8 kA	(525 V AC) 8 kA
	(690 V AC) 4 kA	(690 V AC) 4 kA	(690 V AC) 4 kA	(690 V AC) 4 kA
	250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 40 kA	(220 V AC) 40 kA	(220 V AC) 40 kA	(220 V AC) 40 kA
	(230 V AC) 40 kA	(230 V AC) 40 kA	(230 V AC) 40 kA	(230 V AC) 40 kA
	(240 V AC) 40 kA	(240 V AC) 40 kA	(240 V AC) 40 kA	(240 V AC) 40 kA
	(380 V AC) 25 kA	(380 V AC) 25 kA	(380 V AC) 25 kA	(380 V AC) 25 kA
	(415 V AC) 25 kA	(415 V AC) 25 kA	(415 V AC) 25 kA	(415 V AC) 25 kA
	(440 V AC) 25 kA	(440 V AC) 25 kA	(440 V AC) 25 kA	(440 V AC) 25 kA
	(500 V AC) 18 kA	(500 V AC) 18 kA	(500 V AC) 18 kA	(500 V AC) 18 kA
	(525 V AC) 8 kA	(525 V AC) 8 kA	(525 V AC) 8 kA	(525 V AC) 8 kA
	(690 V AC) 4 kA	(690 V AC) 4 kA	(690 V AC) 4 kA	(690 V AC) 4 kA
	250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA
Rated Uninterrupted Current (I_u):	500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA	(500 V DC) 3 Poles in Series 25 kA
	160 A	160 A	160 A	160 A
	690 V	690 V	690 V	690 V
	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
	TMD	TMD	TMD	TMD
	TM	TM	TM	TM
	56...80 A	44.1...63 A	44.1...63 A	56...80 A
	C	C	C	C
	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
	XT1	XT1	XT1	XT1
Short-Circuit Performance Level:	Front	Front	Front	Front
	Bolt	Bolt	Bolt	Bolt
	6 N·m	6 N·m	6 N·m	6 N·m



XT1C 160 TMD
125-125043p F F



XT1C 160 TMD
100-100043p F F



XT1C 160 TMD
100-100044p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	1.137 kg	1.136 kg	1.438 kg
Package Level 1 Height:	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:			
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P

Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n):	125 A	100 A	100 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV
Rated Instantaneous Short- Circuit Current Setting (I _i):	1250 A	1000 A	1000 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD
Release Type:	TM	TM	TM
Setting Range:	87.5...125 A	70...100 A	70...100 A
Short-Circuit Performance Level:	C	C	C

Standards:	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m



XT1D 160 3p F F



XT1D 160 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.028 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	130 mm	143 mm
Package Level 1 EAN:	8015644021047	8015644021054
Package Level 1 Gross Weight:	1.082 kg	1.4 kg
Package Level 1 Height:	134 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	142 mm	128 mm
Package Level 2 EAN:	N/A	8015644021054

Additional Information

Brand / Label:	N/A	ABB
CAD Dimensional Drawing:	1SDH001295R0080	N/A
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Lasttrennschalter	Moulded Case Circuit Breaker
Product Type:	Switch Disconnector	Switch Disconnector
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 15 W	at Rated Operating Conditions per Pole 15 W
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Short-time Withstand Current Low Voltage (I _{cw}):	for 1 s 2 kA	for 1 s 2 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Short-Circuit Performance Level:	D	D
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1H 125 MCP
In=30 3p F4F
UL/CSA



XT1H 125 MCP
In=15 3p F4F
UL/CSA



XT1H 125 MCP
In=3 3p F4F
UL/CSA



XT1H 125 MCP
In=7 3p F4F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm

	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Product Net Width:	76.2 mm	76.2 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Motor Protection	Motor Protection	Motor Protection	Motor Protection
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.3 W	at Rated Operating Conditions per Pole 1.3 W	at Rated Operating Conditions per Pole 1.4 W	at Rated Operating Conditions per Pole 3.2 W
Rated Current (I _n):	30 A	15 A	3 A	7 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	90...330 A	45...165 A	12...33 A	28...77 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	MA	MA	MA	MA
Release Type:	M	M	M	M
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 MCP
In=100 3p4F F
UL/CSA



XT1H 125 MCP
In=80 3p F4F
UL/CSA



XT1H 125 MCP
In=50 3p F4F
UL/CSA



XT1H 125 MCP
In=70 3p F4F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Product Net Width:	76.2 mm	76.2 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Motor Protection	Motor Protection	Motor Protection	Motor Protection
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle

Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 6.6 W	at Rated Operating Conditions per Pole 5.3 W	at Rated Operating Conditions per Pole 3.1 W	at Rated Operating Conditions per Pole 5.3 W
Rated Current (I _n):	100 A	80 A	50 A	70 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	300...1100 A	240...880 A	150...550 A	210...770 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	MA	MA	MA	MA
Release Type:	M	M	M	M
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
15-500 4p4F F
UL/CSA



XT1H 125 TMF
20-500 4p4F F
UL/CSA



XT1H 125 TMF
20-500 3p4F F
UL/CSA



XT1H 125 TMF
15-500 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
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Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.1 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.1 W
Rated Current (I _n):	15 A	20 A	20 A	15 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	15 A	20 A	20 A	15 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
30-500 3p4F F
UL/CSA



XT1H 125 TMF
30-500 4p4F F
UL/CSA



XT1H 125 TMF
25-500 4p4F F
UL/CSA



XT1H 125 TMF
25-500 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Product Net Width:	76.2 mm	101.6 mm	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 2.0 W	at Rated Operating Conditions per Pole 2.0 W
Rated Current (I _n):	30 A	30 A	25 A	25 A

	500 V DC	500 V DC	500 V DC	500 V DC
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Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	30 A	30 A	25 A	25 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
35-500 3p4F F
UL/CSA



XT1H 125 TMF
40-500 4p4F F
UL/CSA



XT1H 125 TMF
35-500 4p4F F
UL/CSA



XT1H 125 TMF
40-500 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Product Net Width:	76.2 mm	101.6 mm	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm

Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n):	35 A	40 A	35 A	40 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	35 A	40 A	35 A	40 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
50-500 3p F F
UL/CSA



XT1H 125 TMF
45-500 3p F F
UL/CSA



XT1H 125 TMF
50-500 4p F F
UL/CSA



XT1H 125 TMF
45-500 4p F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3 W

Rated Current (I _n):	50 A	45 A	50 A	45 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	50 A	45 A	50 A	45 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
60-600 3p4F F
UL/CSA



XT1H 125 TMF
70-700 4p4F F
UL/CSA



XT1H 125 TMF
60-600 4p4F F
UL/CSA



XT1H 125 TMF
70-700 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Product Net Width:	76.2 mm	101.6 mm	101.6 mm	76.2 mm

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.4 kg	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information				
CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical				
Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	60 A	70 A	60 A	70 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	600 A	700 A	600 A	700 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	60 A	70 A	60 A	70 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489

Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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	XT1H 125 TMF 90-900 3p4F F UL/CSA	XT1H 125 TMF 80-800 3p4F F UL/CSA	XT1H 125 TMF 80-800 4p4F F UL/CSA	XT1H 125 TMF 90-900 4p4F F UL/CSA
Dimensions				

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 5.7 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 5.7 W
Rated Current (I _n):	90 A	80 A	80 A	90 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	900 A	800 A	800 A	900 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6

Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	90 A	80 A	80 A	90 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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**XT1H 125 TMF
110-110043p F
F UL/CSA**



**XT1H 125 TMF
100-100043p F
F UL/CSA**



**XT1H 125 TMF
100-100044p F
F UL/CSA**



**XT1H 125 TMF
110-110044p F
F UL/CSA**

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 8.3 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 8.3 W
Rated Current (I_n):	110 A	100 A	100 A	110 A
Rated Instantaneous Short-Circuit Current Setting (I_i):	1100 A	1000 A	1000 A	1100 A

Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	110 A	100 A	100 A	110 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1H 125 TMF
110-110043p F F
UL/CSA



XT1H 125 TMF
100-100043p F F
UL/CSA



XT1H 125 TMF
110-110044p F
UL/CSA



XT1H 125 TMF
100-104p F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
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Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:	1SDH001295R0080			
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	ACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	ACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	with SOR 15 ms with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 8.3 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 8.3 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n):	110 A	100 A	110 A	100 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	1100 A	1000 A	1100 A	1000 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	110 A	100 A	110 A	100 A
Short-Circuit Performance Level:	H	H	H	H

Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	100 V AC) 100 kA 30 V AC) 65 kA / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 (250 V DC) 2 Poles in Se 50 kA (500 V DC) 4 Poles in Se Kind 50 kA
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XT1H 160 TMD
25-450 3p F F



XT1H 160 TMD
32-450 3p F F



XT1H 160 TMD
25-450 4p F F



XT1H 160 TMD
32-450 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1 kg	1 kg	1.3 kg	1.3 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Rated Current (I _n):	25 A	32 A	25 A	32 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _c s):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _c u):	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	17.5...25 A	22.4...32 A	17.5...25 A	22.4...32 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front



XT1H 160 TMD
40-450 3p F F

XT1H 160 TMD
40-450 4p F F

XT1H 160 TMD
50-500 3p F F

XT1H 160 TMD
50-500 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.4 kg	1.163 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	N/A	N/A	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	N/A	N/A	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.7 W

Rated Current (I _n):	40 A	40 A	50 A	50 A
Rated Frequency (f):	N/A	N/A	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	500 A	500 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	N/A	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	28...40 A	28...40 A	35...50 A	35...50 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	N/A	N/A	Bolt	Bolt
Tightening Torque:	N/A	N/A	6 N·m	6 N·m



**XT1H 160 TMD
80-800 3p4F F**

**XT1H 160 TMD
63-630 3p4F F**

**XT1H 160 TMD
63-630 4p4F F**

**XT1H 160
TMD 80-8004**

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.14 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W

Rated Current (I _n):	80 A	63 A	63 A	80 A
	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
	8 kV	8 kV	8 kV	8 kV
Rated Impulse Withstand Voltage (U _{imp}):				
Rated Instantaneous Short-Circuit Current Setting (I _i):	800 A	630 A	630 A	800 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA	(220 V AC) 80 kA	(220 V AC) 80 kA	(220 V AC) 80 kA
	(230 V AC) 80 kA	(230 V AC) 80 kA	(230 V AC) 80 kA	(230 V AC) 80 kA
	(240 V AC) 80 kA	(240 V AC) 80 kA	(240 V AC) 80 kA	(240 V AC) 80 kA
	(380 V AC) 52.5 kA	(380 V AC) 52.5 kA	(380 V AC) 52.5 kA	(380 V AC) 52.5 kA
	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA
	(440 V AC) 32.5 kA	(440 V AC) 32.5 kA	(440 V AC) 32.5 kA	(440 V AC) 32.5 kA
	(500 V AC) 25 kA	(500 V AC) 25 kA	(500 V AC) 25 kA	(500 V AC) 25 kA
	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA
	(690 V AC) 5 kA	(690 V AC) 5 kA	(690 V AC) 5 kA	(690 V AC) 5 kA
	250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA
	(220 V AC) 100 kA	(220 V AC) 100 kA	(220 V AC) 100 kA	(220 V AC) 100 kA
	(230 V AC) 100 kA	(230 V AC) 100 kA	(230 V AC) 100 kA	(230 V AC) 100 kA
	(240 V AC) 100 kA	(240 V AC) 100 kA	(240 V AC) 100 kA	(240 V AC) 100 kA
	(380 V AC) 70 kA	(380 V AC) 70 kA	(380 V AC) 70 kA	(380 V AC) 70 kA
	(415 V AC) 70 kA	(415 V AC) 70 kA	(415 V AC) 70 kA	(415 V AC) 70 kA
	(440 V AC) 65 kA	(440 V AC) 65 kA	(440 V AC) 65 kA	(440 V AC) 65 kA
	(500 V AC) 50 kA	(500 V AC) 50 kA	(500 V AC) 50 kA	(500 V AC) 50 kA
	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA
	(690 V AC) 10 kA	(690 V AC) 10 kA	(690 V AC) 10 kA	(690 V AC) 10 kA
Rated Uninterrupted Current (I _u):	250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA
	500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	56...80 A	44.1...63 A	44.1...63 A	56...80 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



**XT1H 160 TMD
100-1000 4p F F**

**XT1H 160 TMD
125-1250 3p F F**

**XT1H 160 TMD
100-1000 3p F F**

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	1.44 kg	1.1 kg	1.16 kg
Package Level 1 Height:	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:			
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle

Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I_n):	100 A	125 A	100 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV	8 kV
Rated Instantaneous Short- Circuit Current Setting (I_i):	1000 A	1250 A	1000 A
Rated Insulation Voltage (U_i):	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 52.5 kA (500 V DC) 3 Poles in Series 52.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I_u):	160 A	160 A	160 A
Rated Voltage (U_r):	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6

Release:	TMD	TMD	TMD
Release Type:	TM	TM	TM
Setting Range:	70...100 A	87.5...125 A	70...100 A
Short-Circuit Performance Level:	H	H	H
Standards:	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m



XT1H 160 TMF
16-450 3p4F F



XT1H 160 TMF
20-450 3p4F F



XT1H 160 TMF
16-450 4p4F F



XT1H 160 TMF
20-450 4p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1 kg	1 kg	1.3 kg	1.3 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT

Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Rated Current (I _n):	16 A	20 A	16 A	20 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA (525 V AC) 17.5 kA (690 V AC) 5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA	(250 V DC) 2 Poles in Series 52.5 kA
	500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA	(500 V DC) 3 Poles in Series 52.5 kA
	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 35 kA (690 V AC) 10 kA
	250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA	(250 V DC) 2 Poles in Series 70 kA
	500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA	(500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	16 A	20 A	16 A	20 A
Short-Circuit Performance Level:	H	H	H	H
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front



XT1H-D 125 MCS-UL/CSA
Im=150044p F F



XT1H-D 125 MCS-UL/CSA
Im=150043p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Switch Disconnecter	Switch Disconnecter
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece

Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Short-Circuit Performance Level:	H	H
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1N 125 TMF

15-500 4p F F UL/CSA



XT1N 125 TMF

15-500 3p F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm

Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.1 W	at Rated Operating Conditions per Pole 1.1 W
Rated Current (I _n):	15 A	15 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	15 A	15 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF 20-500
4p F F UL/CSA



XT1N 125 TMF 20-500
3p F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W
Rated Current (I _n):	20 A	20 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A

Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	20 A	20 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF 25-500 4p
F F UL/CSA



XT1N 125 TMF 25-500 3p
F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.0 W	at Rated Operating Conditions per Pole 2.0 W

Rated Current (I _n):	25 A	25 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	25 A	25 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF 30-500
4p F F UL/CSA



XT1N 125 TMF 30-500
3p F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W
Rated Current (I _n):	30 A	30 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM

Setting Range:	30 A	30 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF 40-500
4p F F UL/CSA



XT1N 125 TMF 40-500
3p F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm



Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F



Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n):	40 A	40 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	40 A	45 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt

Tightening Torque:	6 N·m	6 N·m
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Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF
50-500 4p F F
UL/CSA



XT1N 125 TMF
45-500 4p F F
UL/CSA



XT1N 125 TMF
45-500 3p F F
UL/CSA



XT1N 125 TMF
50-500 3p F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.189 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical				
Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3 W	at Rated Operating Conditions per Pole 3 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	50 A	45 A	45 A	50 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	600 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	50 A	45 A	50 A	50 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF
60-600 4p4F F
UL/CSA



XT1N 125 TMF
70-700 4p4F F
UL/CSA



XT1N 125 TMF
60-600 3p4F F
UL/CSA



XT1N 125 TMF
70-700 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	60 A	70 A	60 A	70 A

Rated Instantaneous Short-Circuit Current Setting (I _i):	700 A	800 A	700 A	800 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	60 A	70 A	60 A	70 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF
90-900 4p4F F
UL/CSA



XT1N 125 TMF
80-800 4p4F F
UL/CSA



XT1N 125 TMF
90-900 3p4F F
UL/CSA



XT1N 125 TMF
80-800 3p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
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Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 5.7 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 5.7 W	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n):	90 A	80 A	90 A	80 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	1000 A	900 A	1000 A	900 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	90 A	80 A	90 A	80 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt

Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m
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Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA 250 V DC) 2 Poles in Series 35 kA 500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF
100-1000 4p F
F UL/CSA



XT1N 125 TMF
110-1100 4p F
F UL/CSA



XT1N 125 TMF
100-1000 3p F
F UL/CSA



XT1N 125 TMF
110-1100 3p F
F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 8.3 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 8.3 W
Rated Current (I _n):	100 A	110 A	100 A	110 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	1100 A	1250 A	1100 A	1250 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	100 A	110 A	100 A	110 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA 250 V DC) 2 Poles in Series 35 kA 500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 125 TMF
125-1250 4p F F4UL/
CSA



XT1N 125 TMF
125-1250 3p F F4UL/
CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms

Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n):	125 A	125 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	125 A	125 A
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1N 160 TMD

25-450 4p F F



XT1N 160 TMD

32-450 4p F F



XT1N 160 TMD

32-450 3p F F



XT1N 160 TMD

25-450 3p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.4 kg	1.1 kg	1 kg

Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm
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Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.446 kg	1.134 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	N/A	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	N/A
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	N/A	at Rated Operating Conditions per Pole 2.1 W	at Rated Operating Conditions per Pole 2.1 W	N/A
Rated Current (I _n):	25 A	32 A	32 A	25 A
Rated Frequency (f):	N/A	50 / 60 Hz	50 / 60 Hz	N/A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA
	500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA
	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA
	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA
	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA
	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA
	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA
	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA
	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA
Rated Uninterrupted Current (I _u):	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA
	250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA
	500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
	160 A	160 A	160 A	160 A
	690 V	690 V	690 V	690 V
	N/A	Main Circuit M6	Main Circuit M6	N/A
	TMD	TMD	TMD	TMD
	TM	TM	TM	TM
	17.5...25 A	22.4...32 A	22.4...32 A	17.5...25 A
	N	N	N	N
Short-Circuit Performance Level:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
	XT1	XT1	XT1	XT1
	Front	Front	Front	Front
	N/A	Bolt	Bolt	N/A
	N/A	6 N·m	6 N·m	N/A



XT1N 160

TMD 40-450

3p F F



XT1N 160

TMD 50-500

3p F F



XT1N 160

TMD 50-500

4p F F



XT1N 160

TMD 40-450

4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
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Package Level 1 Gross Weight:	1.137 kg	1.134 kg	1.4 kg	1.43 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n):	40 A	50 A	50 A	40 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	500 A	500 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA
	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA
	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA
	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA
	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA
	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA
	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA
	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA
	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA
	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA
Rated Uninterrupted Current (I _u):	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	28...40 A	35...50 A	35...50 A	28...40 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1N 160 TMD
80-800 3p4F F



XT1N 160 TMD
63-630 3p4F F



XT1N 160 TMD
63-630 4p4F F



XT1N 160
TMD 80-8004
4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.134 kg	1.133 kg	1.465 kg	1.466 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n):	80 A	63 A	63 A	80 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	800 A	630 A	630 A	800 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA 250 V DC) 2 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA

	500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA	(220 V AC) 65 kA
	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA	(230 V AC) 65 kA
	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA	(240 V AC) 65 kA
	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA	(380 V AC) 36 kA
	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA	(415 V AC) 36 kA
	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA	(440 V AC) 36 kA
	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA	(500 V AC) 30 kA
	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA	(525 V AC) 22 kA
	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA	(690 V AC) 6 kA
	250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA
	500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A	160 A	160 A
Rated Voltage (U_r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	56...80 A	44.1...63 A	44.1...63 A	56...80 A
Short-Circuit Performance Level:	N	N	N	N
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1N 160 TMD

100-1000 4p F F



XT1N 160 TMD

100-1000 3p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm



Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.467 kg	1.133 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm



Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F



Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n):	100 A	100 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1000 A	1000 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 65 kA	(220 V AC) 65 kA
	(230 V AC) 65 kA	(230 V AC) 65 kA
	(240 V AC) 65 kA	(240 V AC) 65 kA
	(380 V AC) 36 kA	(380 V AC) 36 kA
	(415 V AC) 36 kA	(415 V AC) 36 kA
	(440 V AC) 36 kA	(440 V AC) 36 kA
	(500 V AC) 30 kA	(500 V AC) 30 kA
	(525 V AC) 22 kA	(525 V AC) 22 kA
	(690 V AC) 6 kA	(690 V AC) 6 kA
	(250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	70...100 A	70...100 A
Short-Circuit Performance Level:	N	N
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1N 160 TMD
125-1250 4p F F4
InN=50%



XT1N 160 TMD
125-1250 4p F F4
InN=100%

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg
Product Net Width:	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
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Package Level 1 Gross Weight:	1.463 kg	1.47 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n):	125 A	125 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1250 A	1250 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
	160 A	160 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	87.5...125 A	87.5...125 A
Short-Circuit Performance Level:	N	N
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1N 160 TMD
160-1600 4p F F4
InN=100%



XT1N 160 TMD
160-1600 4p F F4
InN=50%

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg
Product Net Width:	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.47 kg	1.54 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 15 W	at Rated Operating Conditions per Pole 15 W
Rated Current (I _n):	160 A	160 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1600 A	1600 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA	(220 V AC) 50 kA (230 V AC) 50 kA

	(240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	112...160 A	112...160 A
Short-Circuit Performance Level:	N	N
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1N 160 TMF

16-450 4p F F



XT1N 160 TMF

20-450 4p F F



XT1N 160 TMF

16-450 3p F F



XT1N 160 TMF

20-450 3p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.3 kg	1 kg	1 kg

Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm
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Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Rated Current (I _n):	16 A	20 A	16 A	20 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA 250 V DC) 2 Poles in Series 36 kA 500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA

	(380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA	(380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA	(380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA	(380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA
	250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA	(250 V DC) 2 Poles in Series 36 kA
	500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA	(500 V DC) 3 Poles in Series 36 kA
	Rated Uninterrupted Current (I _u):	160 A	160 A	160 A
	Rated Voltage (U _r):	690 V	690 V	690 V
	Release:	TMF	TMF	TMF
	Release Type:	TM	TM	TM
	Setting Range:	16 A	20 A	16 A
Short-Circuit Performance Level:	N	N	N	N
	Standards:	IEC60947-2	IEC60947-2	IEC60947-2
	Sub-type:	XT1	XT1	XT1
	Terminal Connection Type:	Front	Front	Front



XT1N-D 125 MCS-UL/CSA
Im=1250 3p F F



XT1N-D 125 MCS-UL/CSA
Im=1500 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Switch Disconnecter	Switch Disconnecter
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Short-Circuit Performance Level:	N	N
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA	(240 V AC) 50 kA (480 V AC) 25 kA (600Y / 347 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 4 Poles in Series Kind 35 kA
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XT1S 125 TMF
15-500 4p4F F
UL/CSA



XT1S 125 TMF
15-500 3p4F F
UL/CSA



XT1S 125 TMF
20-500 3p4F F
UL/CSA



XT1S 125 TMF
20-500 4p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg	1.1 kg	1.4 kg
Product Net Width:	101.6 mm	76.2 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.1 kg	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.1 W	at Rated Operating Conditions per Pole 1.1 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 1.8 W
Rated Current (I _n):	15 A	15 A	20 A	20 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A

Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	15 A	15 A	20 A	20 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF
30-500 3p4F F
UL/CSA



XT1S 125 TMF
25-500 3p4F F
UL/CSA



XT1S 125 TMF
30-500 4p4F F
UL/CSA



XT1S 125 TMF
25-500 4p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 2.0 W	at Rated Operating Conditions per Pole 1.8 W	at Rated Operating Conditions per Pole 2.0 W
Rated Current (I _n):	30 A	25 A	30 A	25 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	30 A	25 A	30 A	25 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA 250 V DC) 2 Poles in Series 42 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF
40-500 3p4F F
UL/CSA



XT1S 125 TMF
35-500 3p4F F
UL/CSA



XT1S 125 TMF
35-500 4p4F F
UL/CSA



XT1S 125 TMF
40-500 4p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 2.6 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n):	40 A	35 A	35 A	40 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	40 A	35 A	35 A	40 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF
45-500 3p4F F
UL/CSA



XT1S 125 TMF
50-500 3p4F F
UL/CSA



XT1S 125 TMF
45-500 4p4F F
UL/CSA



XT1S 125 TMF
50-500 4p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm

Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3 W	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	45 A	50 A	45 A	50 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	600 A	500 A	600 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	45 A	50 A	45 A	50 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt

Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m
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Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF
70-700 3p4F F
UL/CSA



XT1S 125 TMF
60-600 3p4F F
UL/CSA



XT1S 125 TMF
60-600 4p4F F
UL/CSA



XT1S 125 TMF
70-700 4p4F F
UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.9 W	at Rated Operating Conditions per Pole 3.7 W
Rated Current (I _n):	70 A	60 A	60 A	70 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	800 A	700 A	700 A	800 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	70 A	60 A	60 A	70 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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**XT1S 125 TMF
80-800 3p F F
UL/CSA**



**XT1S 125 TMF
90-900 3p F F
UL/CSA**



**XT1S 125 TMF
80-800 4p F F
UL/CSA**



**XT1S 125 TMF
90-900 4p F F
UL/CSA**

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece

Power Loss:	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 5.7 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 5.7 W
Rated Current (I_n):	80 A	90 A	80 A	90 A
Rated Instantaneous Short-Circuit Current Setting (I_i):	900 A	1000 A	900 A	1000 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I_u):	125 A	125 A	125 A	125 A
Rated Voltage (U_r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	80 A	90 A	80 A	90 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA 250 V DC) 2 Poles in Series 42 kA 500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF
110-1100 3p F
F UL/CSA



XT1S 125 TMF
100-1000 3p F
F UL/CSA



XT1S 125 TMF
100-1000 4p F
F UL/CSA



XT1S 125 TMF
110-1100 4p F
F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 8.3 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 8.3 W
Rated Current (I _n):	110 A	100 A	100 A	110 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	1250 A	1100 A	1100 A	1250 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	110 A	100 A	100 A	110 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	UL489	UL489	UL489	UL489
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt

Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m
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Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 125 TMF 125-1250 4p
F F UL/CSA



XT1S 125 TMF 125-1250 3p
F F UL/CSA

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.1 kg
Product Net Width:	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n):	125 A	125 A
Rated Instantaneous Short-Circuit Current Setting (I _i):	500 A	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Rated Voltage (U _r):	600Y/347 V	600Y/347 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMF	TMF
Release Type:	TM	TM
Setting Range:	125 A	125 A
Short-Circuit Performance Level:	S	S
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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XT1S 160 TMD
25-450 4p4F F

XT1S 160 TMD
32-450 4p4F F

XT1S 160 TMD
32-450 3p4F F

XT1S 160 TMD
25-450 3p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.3 kg	1 kg	1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Rated Current (I _n):	25 A	32 A	32 A	25 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _l):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC

Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA	(220 V AC) 80 kA	(220 V AC) 80 kA	(220 V AC) 80 kA
	(230 V AC) 80 kA	(230 V AC) 80 kA	(230 V AC) 80 kA	(230 V AC) 80 kA
	(240 V AC) 80 kA	(240 V AC) 80 kA	(240 V AC) 80 kA	(240 V AC) 80 kA
	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA
	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA
	(440 V AC) 25 kA	(440 V AC) 25 kA	(440 V AC) 25 kA	(440 V AC) 25 kA
	(500 V AC) 18 kA	(500 V AC) 18 kA	(500 V AC) 18 kA	(500 V AC) 18 kA
	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA
	(690 V AC) 5 kA	(690 V AC) 5 kA	(690 V AC) 5 kA	(690 V AC) 5 kA
	250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 85 kA	(220 V AC) 85 kA	(220 V AC) 85 kA	(220 V AC) 85 kA
	(230 V AC) 85 kA	(230 V AC) 85 kA	(230 V AC) 85 kA	(230 V AC) 85 kA
	(240 V AC) 85 kA	(240 V AC) 85 kA	(240 V AC) 85 kA	(240 V AC) 85 kA
	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA
	(415 V AC) 50 kA	(415 V AC) 50 kA	(415 V AC) 50 kA	(415 V AC) 50 kA
	(440 V AC) 50 kA	(440 V AC) 50 kA	(440 V AC) 50 kA	(440 V AC) 50 kA
	(500 V AC) 36 kA	(500 V AC) 36 kA	(500 V AC) 36 kA	(500 V AC) 36 kA
	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA
	(690 V AC) 8 kA	(690 V AC) 8 kA	(690 V AC) 8 kA	(690 V AC) 8 kA
	250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	17.5...25 A	22.4...32 A	22.4...32 A	17.5...25 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1



XT1S 160 TMD
40-450 4p4F F

XT1S 160 TMD
50-500 3p4F F

XT1S 160 TMD
50-500 4p4F F

XT1S 160 TMD
40-450 3p4F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.1 kg	1.4 kg	1 kg
Product Net Width:	101.6 mm	76.2 mm	101.6 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
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Package Level 1 Gross Weight:	1.4 kg	1.167 kg	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	N/A	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	N/A
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	3P	4P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	N/A	at Rated Operating Conditions per Pole 3.7 W	at Rated Operating Conditions per Pole 3.7 W	N/A
Rated Current (I _n):	40 A	50 A	50 A	40 A
Rated Frequency (f):	N/A	50 / 60 Hz	50 / 60 Hz	N/A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _l):	450 A	500 A	500 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA 250 V DC) 2 Poles in Series 50 kA 500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA

	(440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA
	250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
	500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	N/A	Main Circuit M6	Main Circuit M6	N/A
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	28...40 A	35...50 A	35...50 A	28...40 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	N/A	Bolt	Bolt	N/A
Tightening Torque:	N/A	6 N·m	6 N·m	N/A



XT1S 160 TMD
63-630 3p F F



XT1S 160 TMD
80-800 3p F F



XT1S 160 TMD
63-630 4p F F



XT1S 160 TMD
80-800 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.17 kg	1.15 kg	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W	at Rated Operating Conditions per Pole 4.3 W	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n):	63 A	80 A	63 A	80 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	630 A	800 A	630 A	800 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 85 kA	(220 V AC) 85 kA	(220 V AC) 85 kA	(220 V AC) 85 kA
	(230 V AC) 85 kA	(230 V AC) 85 kA	(230 V AC) 85 kA	(230 V AC) 85 kA
	(240 V AC) 85 kA	(240 V AC) 85 kA	(240 V AC) 85 kA	(240 V AC) 85 kA
	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA	(380 V AC) 50 kA
	(415 V AC) 50 kA	(415 V AC) 50 kA	(415 V AC) 50 kA	(415 V AC) 50 kA
	(440 V AC) 50 kA	(440 V AC) 50 kA	(440 V AC) 50 kA	(440 V AC) 50 kA
	(500 V AC) 36 kA	(500 V AC) 36 kA	(500 V AC) 36 kA	(500 V AC) 36 kA
	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA	(525 V AC) 35 kA
	(690 V AC) 8 kA	(690 V AC) 8 kA	(690 V AC) 8 kA	(690 V AC) 8 kA
	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD	TMD
Release Type:	TM	TM	TM	TM
Setting Range:	44.1...63 A	56...80 A	44.1...63 A	56...80 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m	6 N·m



XT1S 160 TMD
100-1000 3p F F



XT1S 160 TMD
125-1250 3p F F



XT1S 160 TMD
100-1000 4p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm
Product Net Weight:	1.1 kg	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	1.17 kg	1.175 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm	135 mm

Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:			
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Leistungsschalter	Leistungsschalter	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²	Busbar 45.5 ... 80 mm²
Current Type:	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	3P	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n):	100 A	125 A	100 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1000 A	1250 A	1000 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA

	(690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _N):	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD	TMD
Release Type:	TM	TM	TM
Setting Range:	70...100 A	87.5...125 A	70...100 A
Short-Circuit Performance Level:	S	S	S
Standards:	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front
Terminal Type:	Bolt	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m	6 N·m



XT1S 160 TMD
125-1250 4p F F4
InN=50%



XT1S 160 TMD
125-1250 4p F F4
InN=100%

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg
Product Net Width:	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm



Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F



Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n):	125 A	125 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1250 A	1250 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	87.5...125 A	87.5...125 A
Short-Circuit Performance Level:	S	S
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1S 160 TMD
125-1250 4p F F4
InN=50%



XT1S 160 TMD
125-1250 4p F F4
InN=100%

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg
Product Net Width:	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n):	125 A	125 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1250 A	1250 A
Rated Insulation Voltage (U _i):	800 V	800 V

Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Rated Voltage (U _r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	87.5...125 A	87.5...125 A
Short-Circuit Performance Level:	S	S
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1S 160 TMD
160-1600 4p F F
InN=50%



XT1S 160 TMD
160-1600 4p F F
InN=100%

Dimensions

Product Net Depth / Length:	70 mm	70 mm
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Product Net Height:	130 mm	130 mm
Product Net Weight:	1.4 kg	1.4 kg
Product Net Width:	101.6 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.504 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 15 W	at Rated Operating Conditions per Pole 15 W
Rated Current (I _n):	160 A	160 A
Rated Frequency (f):	50 / 60 Hz	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	1600 A	1600 A
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 80 kA	(220 V AC) 80 kA
	(230 V AC) 80 kA	(230 V AC) 80 kA
	(240 V AC) 80 kA	(240 V AC) 80 kA
	(380 V AC) 50 kA	(380 V AC) 50 kA
	(415 V AC) 37.5 kA	(415 V AC) 37.5 kA
	(440 V AC) 25 kA	(440 V AC) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(500 V AC) 18 kA	(500 V AC) 18 kA
	(525 V AC) 17.5 kA	(525 V AC) 17.5 kA
	(690 V AC) 5 kA	(690 V AC) 5 kA
	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 85 kA	(220 V AC) 85 kA
	(230 V AC) 85 kA	(230 V AC) 85 kA
	(240 V AC) 85 kA	(240 V AC) 85 kA
	(380 V AC) 50 kA	(380 V AC) 50 kA
	(415 V AC) 50 kA	(415 V AC) 50 kA
	(440 V AC) 50 kA	(440 V AC) 50 kA
	(500 V AC) 36 kA	(500 V AC) 36 kA
	(525 V AC) 35 kA	(525 V AC) 35 kA
	(690 V AC) 8 kA	(690 V AC) 8 kA
	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Rated Voltage (U_r):	690 V	690 V
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Release:	TMD	TMD
Release Type:	TM	TM
Setting Range:	112...160 A	112...160 A
Short-Circuit Performance Level:	S	S
Standards:	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m



XT1S 160 TMF
20-450 4p F F

XT1S 160 TMF
16-450 4p F F

XT1S 160 TMF
20-450 3p F F

XT1S 160 TMF
16-450 3p F F

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.3 kg	1 kg	1 kg
Product Net Width:	101.6 mm	101.6 mm	76.2 mm	76.2 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm	143 mm
Package Level 1 EAN:				
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.1 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:				
Circuit Breaker Type to be Associated:	Power Distribution	Power Distribution	Power Distribution	Power Distribution
Product Main Type:	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker	Automatic Circuit Breaker
Version:	F	F	F	F

Technical

Current Type:	AC/DC	AC/DC	AC/DC	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle
Number of Poles:	4P	4P	3P	3P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece	1 piece	1 piece

Rated Current (I _n):	20 A	16 A	20 A	16 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV	8 kV	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i):	450 A	450 A	450 A	450 A
Rated Insulation Voltage (U _i):	800 V	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA	(220 V AC) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA
	(440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA	(440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA
	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA	(500 V DC) 3 Poles in Series 50 kA
	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA
	(250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA	(250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):				
Rated Uninterrupted Current (I _u):	160 A	160 A	160 A	160 A
Rated Voltage (U _r):	690 V	690 V	690 V	690 V
Release:	TMF	TMF	TMF	TMF
Release Type:	TM	TM	TM	TM
Setting Range:	20 A	16 A	20 A	16 A
Short-Circuit Performance Level:	S	S	S	S
Standards:	IEC60947-2	IEC60947-2	IEC60947-2	IEC60947-2
Sub-type:	XT1	XT1	XT1	XT1
Terminal Connection Type:	Front	Front	Front	Front



**XT1S-D 125 MCS-UL/CSA
Im=1500 3p4F F**



**XT1S-D 125 MCS-UL/CSA
Im=1500 4p4F F**

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.1 kg	1.4 kg
Product Net Width:	76.2 mm	101.6 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	box 1 piece	box 1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

CAD Dimensional Drawing:		
Product Main Type:	SACE Tmax XT	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	Switch Disconnecter	Switch Disconnecter
Suitable for Product Class:	SACE Tmax XT	SACE Tmax XT
Version:	F	F

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²	Busbar 45.5 ... 80 mm ²
Electrical Durability:	120 cycles per hour 8000 cycle	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle	240 cycles per hour 25000 cycle

Number of Poles:	3P	4P
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple:	1 piece	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W	at Rated Operating Conditions per Pole 10.7 W
Rated Operational Voltage:	600Y/347 V AC 500 V DC	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u):	125 A	125 A
Recommended Screw Driver:	Main Circuit M6	Main Circuit M6
Short-Circuit Performance Level:	S	S
Standards:	UL489	UL489
Sub-type:	XT1	XT1
Terminal Connection Type:	Front	Front
Terminal Type:	Bolt	Bolt
Tightening Torque:	6 N·m	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA	(240 V AC) 65 kA (480 V AC) 35 kA (600Y / 347 V AC) 22 kA (250 V DC) 2 Poles in Series 42 kA (500 V DC) 4 Poles in Series Kind 50 kA
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