



PRODUCT-DETAILS

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

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General Information	
Extended Product Type:	XT1S 125 TMF 125-1250 3p F F UL/CSA
Product ID:	1SDA074678R1
EAN:	8015644786557
Catalog Description:	XT1S 125 TMF 125-1250 3p F F UL/CSA
Long Description:	C.BREAKER TMAX XT1S 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 125-1250 A
Display Name:	XT1S 125 TMF 125-1250 3p F F UL/CSA

ABB EcoSolutions	
ABB EcoSolutions:	Yes
ABB Site Meeting Group Waste To Landfill Target:	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions:	9AKK108468A2347
Environmental Product Declaration - EPD:	9AKK108468A1890
Extended Product Lifetime:	Product Modularity
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Material Compliance

REACH Declaration:	9AKK108466A1425
RoHS Declaration:	9AKK108466A1424
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
Toxic Substances Control Act - TSCA:	9AKK108467A8326

Environmental

Environmental Information:	9AKK108467A6707
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Ordering

Order Code US and Canada:	XT1SU3125AFF000XXX
EAN:	8015644786557
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

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

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	128 mm
Package Level 1 Height:	135 mm
Package Level 1 Depth / Length:	143 mm
Package Level 1 Gross Weight:	1.1 kg
Package Level 1 EAN:	8015644786557

Additional Information

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

Product Name:	Moulded Case Circuit Breaker
Product Type:	Automatic Circuit Breaker
Suitable for Product Class:	SACE Tmax XT
Version:	F
CAD Dimensional Drawing:	1SDH001295R0008

Technical

Connecting Capacity Main Circuit:	Busbar 45.5 ... 80 mm ²
Current Type:	AC/DC
Electrical Durability:	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle
Number of Poles:	3P
Opening Time:	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple:	1 piece
Power Loss:	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I_n):	125 A
Rated Instantaneous Short-Circuit Current Setting (I_i):	500 A
Rated Operational Voltage:	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I_u):	125 A
Rated Voltage (U_r):	600Y/347 V
Recommended Screw Driver:	Main Circuit M6
Release:	TMF
Release Type:	TM
Setting Range:	125 A
Short-Circuit Performance Level:	S
Standards:	UL489
Sub-type:	XT1
Terminal Connection Type:	Front
Terminal Type:	Bolt
Tightening Torque:	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
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Certificates and Declarations

ATEX Certificate:	No certification needed
CSA Certificate (Intrinsic Safe):	9AKK10103A3905
Data Sheet, Technical Information:	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE:	9AKK106713A5532
UL Certificate:	1SDL000163R0111
VDE Certificate:	No certification needed
Dimension Diagram:	1SDH000719R0100
Mechanical Drawings:	1SDH000719R0100
Wiring Diagram:	1SDM000068R0001
Instructions and Manuals:	1SDH000719R0003

External Classifications and Standards

ETIM 9:	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10:	EC000228 - Power circuit-breaker for trafo/generator/installation protection
IDEA Granular Category Code (IGCC):	4927 >> Molded case circuit breakers
Object Classification Code:	Q
UNSPSC:	39121616
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
eClass:	V11.1 : 27370409

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA075869R1	KIT FC Cu XT1 14-1/0 AWG 3pcs UL/CSA	KIT FC Cu XT1 14-1/0 AWG 3pcs UL/CSA	1	piece
1SDA075871R1	KIT FC Cu XT1 14-1/0 AWG 6pcs UL/CSA	KIT FC Cu XT1 14-1/0 AWG 6pcs UL/CSA	1	piece
1SDA075873R1	KIT FC Cu XT1 14-1/0 AWG 3pcs MCP UL/CSA	KIT FC Cu XT1 14-1/0 AWG 3pcs MCP UL/CSA	1	piece
1SDA075875R1	KIT FC Cu XT1 14-1/0 AWG 6pcs MCP UL/CSA	KIT FC Cu XT1 14-1/0 AWG 6pcs MCP UL/CSA	1	piece
1SDA075837R1	KIT FC CuAl 10-2/0 AWG XT1 3pcs UL/CSA	KIT FC CuAl 10-2/0 AWG XT1 3pcs UL/CSA	1	piece
1SDA075897R1	KIT MC Cu 6x14-2 AWG XT1 3pcs UL/CSA	KIT MC Cu 6x14-2 AWG XT1 3pcs UL/CSA	1	piece
1SDA075899R1	KIT MC Cu 6x14-2 AWG XT1 6pcs UL/CSA	KIT MC Cu 6x14-2 AWG XT1 6pcs UL/CSA	1	piece

Categories

Products > Low Voltage Products and Systems > Circuit Breakers > Moulded Case Circuit Breakers > Tmax XT

