PRODUCT-DETAILS

XT2L 125 TMA 100-500..1000 3p F F UL/CSA

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General Information

Extended Product Type	XT2L 125 TMA 100-500..1000 3p F F UL/CSA
Product ID	1SDA074828R1
EAN	8015644788056
Catalog Description	XT2L 125 TMA 100-500..1000 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT2L 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 100 I3=500...1000 A

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	9AKK108468A2348
Environmental Product Declaration - EPD	9AKK108468A1891
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	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

Ordering

Order Code US and Canada	XT2LU3100BFF000XXX
EAN	8015644788056
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.2 kg
Package Level 1 EAN	8015644788056

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	1SDH002230A1001

Technical

Connecting Capacity Main	Busbar 32.5..100 mm²

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Circuit	
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 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 8.1 W
Rated Current (I_n)	100 A
Rated Instantaneous Short-Circuit Current Setting (I_i)	500…1000 A
Rated Operational Voltage	600 V AC 500 V DC
Rated Uninterrupted Current (I_u)	125 A
Rated Voltage (U_r)	600 V
Recommended Screw Driver	Main Circuit M6
Release	TMA
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	L
Standards	UL489
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 200 kA (480 V AC) 100 kA (600 V AC) 35 kA (250 V DC) 2 Poles in Series 75 kA (500 V DC) 3 Poles in Series 75 kA

Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3906
Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK106713A5901
UL Certificate	1SDL000163R0112
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0003 1SDH000721R0505

External Classifications and Standards

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection

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ETIM 9	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

Categories

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

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