



PRODUCT-DETAILS

XT2S 125 TMA 80-400..800 3p F F UL/CSA
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General Information	
Extended Product Type	XT2S 125 TMA 80-400..800 3p F F UL/CSA
Product ID	1SDA074770R1
EAN	8015644787479
Catalog Description	XT2S 125 TMA 80-400..800 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT2S 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 80 I3=400...800 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 %

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		XT2SU3080BFF000XXX
EAN		8015644787479
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		8015644787479

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	Busbar 32.5..100 mm²
Main 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 5.8 W
Rated Current (I _n)	80 A
Rated Instantaneous Short-Circuit Current Setting (I _i)	400...800 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	56...80 A
Short-Circuit Performance Level	S
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) 100 kA (480 V AC) 35 kA (600 V AC) 22 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
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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
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

