



PRODUCT-DETAILS

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

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General Information	
Extended Product Type	XT1N 125 TMF 40-500 3p F F UL/CSA
Product ID	1SDA074639R1
EAN	8015644785062
Catalog Description	XT1N 125 TMF 40-500 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT1N 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 40-500 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
End of Life Instructions	9AKK108468A2347

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1890

Environmental

Environmental Information 9AKK108467A6707

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

SCIP ccfa41d7-f546-481c-b161-b090894f75cf Italy (IT)

Simplified SCIP 28559c98-7d0b-4683-93fb-ec05d3d2242d Germany (DE)
 23de1fa8-8a44-41c4-b134-49da3413b4e6 Czech Republic (CZ)
 b5a597dc-6ceb-4241-a3c6-6572a42482fe Croatia (HR)
 94b209c1-000f-41a3-8dbe-e9e63b1ca1ee France (FR)
 def92a97-0d3e-4cea-ac4c-ad6da6350332 Germany (DE)
 50eeaf48-0f2b-48ee-922e-ed9bb7ea046f Germany (DE)
 0fa36f48-1d7b-41da-a7d6-43d35e1adfc6 Denmark (DK)
 e9fe3cb7-cc93-457d-89c1-7ca83353220e Sweden (SE)
 58e65edd-5334-4ee7-8959-3042cc042168 Spain (ES)
 996a9d16-26e9-49fe-96bc-172d08a7b43a Belgium (BE)
 d6571180-864a-48fc-850e-b7dc20a87d4d Hungary (HU)
 375fa874-eccb-49a3-b3fd-18406e3cc177 Sweden (SE)
 755055df-03a4-40c8-9d9d-e6e5e923731a Norway (NO)
 4fd9c3a8-a74e-4558-b297-8e0991f221c2 Bulgaria (BG)
 6091727a-caa0-4efc-b6d7-8304f26a81d2 Poland (PL)
 76b6bdd2-454a-41ea-adcb-e5949b6f3954 Poland (PL)
 540d3db7-a5cb-44c6-8ba1-425e113ecc85 Germany (DE)
 b916de2f-35bd-4410-8533-fedf99400625 Portugal (PT)
 cb7c0d0a-3346-4c52-a135-1c7d31cc0fa8 Germany (DE)
 a718726d-10fd-4877-b0d4-28e5a25d53cb Greece (GR)
 cf7fcffc-ab28-4f10-b510-a2ba1074f180 France (FR)
 e7357939-9a87-4927-86c2-f3cf901c6b61 Finland (FI)
 bceda0ef-f326-4e60-a533-f5706c3c070e Netherlands (NL)
 82eaf7da-95a2-4a75-bbc0-26701e6b9be1 Poland (PL)
 7be86a8e-d8f8-412d-b99a-ce86a2a42207 Hungary (HU)
 4d19e768-ea94-4654-a4a1-7d0667a2f553 Estonia (EE)
 9b9cc0f4-780c-4f90-bfbd-c678d32efec2 Belgium (BE)

Ordering

Order Code US and Canada XT1NU3040AFF000XXX
 EAN 8015644785062
 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	8015644785062

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	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 2.6 W
Rated Current (I _n)	40 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	45 A
Short-Circuit Performance Level	N
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) 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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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

Classifications

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 eClass	5. Small Equipment (No External Dimension More Than 50 cm) V11.1 : 27370409

Categories

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

