



PRODUCT-DETAILS

# XT1N 125 TMF 15-500 3p F F UL/CSA

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### General Information

Extended Product Type	XT1N 125 TMF 15-500 3p F F UL/CSA
Product ID	1SDA074634R1
EAN	8015644785017
Catalog Description	XT1N 125 TMF 15-500 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 15-500 A

### ABB EcoSolutions

ABB EcoSolutions	Yes
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### 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 3b8fd9bd-deaf-473e-bca3-5c0c0b9666c2 Italy (IT)  
 Simplified SCIP 28799f78-41f1-43ef-9750-dce0e35fdb5b Germany (DE)  
 17a83770-f822-46a0-802b-dc23c5fc2702 Poland (PL)  
 f4346f45-52c4-49e5-a8d8-54538abdf21d Sweden (SE)  
 84fdcc71-2463-4498-a627-5ca3d638ce43 Germany (DE)  
 ec7ac1dc-189a-4aad-a941-153772199706 Germany (DE)  
 a7073941-102f-4509-97f9-467e041f8055 France (FR)  
 edb9ce8c-6f42-411d-b9f9-fae52dad0622 Netherlands (NL)  
 42d14025-2b5b-4e1b-bce9-2e4932790e5e Spain (ES)  
 1f93601f-134c-4ef2-96d4-de0db226527f Netherlands (NL)  
 cebfbee4-91a3-4bf1-b691-a80c027b1bcf Greece (GR)  
 e09f120e-9e15-4638-b6a2-c0a2e507f345 Czech Republic (CZ)  
 2776571a-8624-4643-880f-3e9797cefcae Poland (PL)  
 a89e32b3-4dcf-4644-b29a-942861463b95 Portugal (PT)  
 a6e9759f-6c08-4bf7-bc09-6cf32cd11308 Bulgaria (BG)  
 209b77b7-7ac1-4ec5-a64c-6f27cfc98469 Sweden (SE)  
 c8fdb2ae-42fb-4c38-8e1d-c90275d89238 Poland (PL)  
 08f59948-b88d-445d-bae1-d6f39f054b01 France (FR)  
 6bc169d8-6733-42bd-a5be-82672f29e01b Netherlands (NL)  
 804b311e-c4d0-417e-a70e-0b29ffdc9e4c Netherlands (NL)  
 f819a920-c1ba-441e-94df-037de80cfa36 Estonia (EE)  
 8bc5b015-24e4-446b-837f-7355a98891d5 Germany (DE)  
 4a65bf7b-ceec-40e3-bfd9-5d0b7c839f4c Denmark (DK)  
 3c8c532a-4aa7-4077-a2ec-c5472133443c Germany (DE)  
 a376e9fa-2c7a-4d8c-8895-3e0fb76e7ece Croatia (HR)  
 19082ec1-7c96-4c17-a48f-ea35c831683c Norway (NO)  
 5514ef58-59a4-4242-8385-c98aaa8300f3 Finland (FI)  
 3b5652aa-e465-4976-99c5-5d2cf9e4a0d5 Netherlands (NL)

### Ordering

Order Code US and Canada XT1NU3015AFF000XXX  
 EAN 8015644785017  
 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	8015644785017

## 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 <sup>2</sup>
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 1.1 W
Rated Current (I <sub>n</sub> )	15 A
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	500 A
Rated Operational Voltage	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I <sub>u</sub> )	125 A
Rated Voltage (U <sub>r</sub> )	600Y/347 V

Recommended Screw Driver	Main Circuit M6
Release	TMF
Release Type	TM
Setting Range	15 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

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## Categories

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

