



PRODUCT-DETAILS

XT1N 125 TMF 70-700 3p F F UL/CSA

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General Information	
Extended Product Type	XT1N 125 TMF 70-700 3p F F UL/CSA
Product ID	1SDA074643R1
EAN	8015644786205
Catalog Description	XT1N 125 TMF 70-700 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 70-700 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 6863fbdc-acf8-416a-94d8-1a60e9e87610 Italy (IT)

Simplified SCIP 628ea2e3-2bef-44e0-b68a-aa6bb12b3592 Sweden (SE)
 92462612-6c78-4173-8877-3d5a6bc385c6 Croatia (HR)
 7dadfd1c-6626-4e29-ac76-e694fb54386b Germany (DE)
 c8db6d57-17eb-44d7-89d4-7f3cf42cc124 Germany (DE)
 bf230d19-83d0-4abf-be2d-9b1490d25ca4 Denmark (DK)
 49aff91d-41ba-42b7-9174-32ca6e68a3ea Czech Republic (CZ)
 17aee93c-0a58-4af1-b8bf-20841cec9c60 Belgium (BE)
 f120b923-d7a9-41ab-ad7a-7f9a5ad8cb48 Spain (ES)
 f9ce84bd-e10d-4a0e-8ea6-6a207dbe8de3 Hungary (HU)
 c00f7c91-98ab-4668-b03a-0c52008d49ed France (FR)
 1975b185-e524-417a-880d-2ee2d4528e2d Germany (DE)
 e343fe52-4698-45dc-812e-3d3e0e0d3434 France (FR)
 ee5ad142-9547-41dd-a1be-9e0ff9ba37f6 Greece (GR)
 a07004d6-57d7-4753-a183-f38c06e40500 Germany (DE)
 6c7ab3f7-7f1d-44a0-a224-6140626bbe2d Belgium (BE)
 21923d59-9521-4c22-a853-47522aa56309 Estonia (EE)
 7585d8b6-51b4-4dde-97c6-67c87f2e46f0 Finland (FI)
 1a7b9e93-b9c8-4e0f-b077-c78a39a5edb3 Poland (PL)
 483278bd-0285-4dd7-a385-e7076cffe598 Hungary (HU)
 bb5d72ee-7427-418d-84e8-2dee6905c3f6 Poland (PL)
 3e62f68c-862a-4eec-b16b-f23ddecf0d0e Poland (PL)
 44e16ebd-f5de-489e-8273-c9004f0f4a62 Bulgaria (BG)
 e8bbc165-6ff4-406c-a674-9554e60e85aa Sweden (SE)
 e9d23f61-2ff8-409d-8c18-75d945aab72f Netherlands (NL)
 260209f2-12d4-4247-b746-d824dbd9968c Norway (NO)
 8b6070e0-c199-40cb-a2db-4e9a0960cfac Germany (DE)
 6a824b83-9f9b-413f-a6e0-aef1114c868e Portugal (PT)

Ordering

Order Code US and Canada XT1NU3070AFF000XXX
 EAN 8015644786205
 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	8015644786205

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 3.7 W
Rated Current (I _n)	70 A
Rated Instantaneous Short-Circuit Current Setting (I _i)	800 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	70 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

