PRODUCT-DETAILS

XT1N 125 TMF 100-1000 3p F F UL/CSA

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General Information

Extended Product Type	XT1N 125 TMF 100-1000 3p F F UL/CSA
Product ID	1SDA074646R1
EAN	8015644786236
Catalog Description	XT1N 125 TMF 100-1000 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 100-1000 A

ABB EcoSolutions

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
End of Life Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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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
SCIP	020a4d48-292d-4633-99d6-f08c13ed9710 Italy (IT)
Simplified SCIP	b49f8323-a674-4795-928f-6a503e725e20 Germany (DE) 3b3acbbf-44bd-4858-b260-94d88ac1cff7 France (FR) 2d39a1e9-2a48-4605-b010-ed80f6bb4248 Spain (ES) 5d2a0746-37f2-4cf8-ba28-a15e000a2c2a Hungary (HU) c8643850-713e-4ab9-9f46-06744b4d8d29 Belgium (BE) de11cc3a-5115-4d9b-86dc-3f9d5ece95e1 Czech Republic (CZ) 9efc7b0d-3149-47a0-a0f5-ddfa88609209 Sweden (SE) 84103145-1d20-4931-b56e-aa45af9040a6 Croatia (HR) 6244cdb2-8edd-427b-85ff-b91164c9cfd6 Germany (DE) b94a0cae-8dee-4464-866a-147ced5963ac Denmark (DK) bfb2f107-7132-42e7-8588-81187600fced Germany (DE) e589e10c-a51e-4b6c-8959-dc9523f1822c Germany (DE) 115f6159-724c-41c5-93e1-2a08139a93b6 Portugal (PT) d26121c0-4d27-4a3b-a3b9-f3dd4d9f7d9f Poland (PL) 60674830-d847-4c8e-a83e-21328d626930 Poland (PL) 7aed2d11-93a4-4495-ae04-63f26b9fe440 Netherlands (NL) 65dcf0b4-8821-4cf5-89b7-22cfcf6f4b75 Sweden (SE) 526ff92d-35af-4819-8a1e-77d74d090cde Norway (NO) bfb26ae3-b043-49a4-b967-a2c616f7525b Bulgaria (BG) 05460536-e526-48ce-9a70-18204249155b Greece (GR) fcb67af1-20d7-42d9-95ac-705bcb77266d France (FR) 11b4c96d-e784-46ae-9b45-cfffdf87f368 Germany (DE) eede1d9a-0841-4064-87c1-d814e8590696 Belgium (BE) 4db19b8e-20cc-4a1a-a879-e0cd29600f2f Estonia (EE) 05c09dd9-1798-4a25-8e5c-aad0df75cfd4 Finland (FI) 83dfe74c-cd2f-47fc-b8e1-bf2ff3f90db4 Hungary (HU) 0b27eb60-a466-41a2-8c9d-6aa3e6104293 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT1NU3100AFF000XXX
EAN	8015644786236
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

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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	8015644786236

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 7 W
Rated Current (I_n)	100 A
Rated Instantaneous Short-Circuit Current Setting (I_i)	1100 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	100 A
Short-Circuit Performance Level	N
Standards	UL489
Sub-type	XT1

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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

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

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Categories

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







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