



PRODUCT-DETAILS

XT1N 125 TMF 60-600 3p F F UL/CSA
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General Information	
Extended Product Type	XT1N 125 TMF 60-600 3p F F UL/CSA
Product ID	1SDA074642R1
EAN	8015644785093
Catalog Description	XT1N 125 TMF 60-600 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 60-600 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2347
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1890
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Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	39829f9a-baa9-4465-91da-fecc86b41226 Italy (IT)
Simplified SCIP	1fd5bedc-b59f-499c-88e8-1f18674752ca Germany (DE) d77d1646-1dc9-4ceb-85a4-e95829b61b77 Estonia (EE) c953b1b0-3cf0-4818-a869-34c6ebde1054 Germany (DE) ea9cfd5b-c744-4b19-b835-750c5f3a8ca1 Denmark (DK) 134c2d0a-9aea-4ecf-9142-0d03cc882c8a Germany (DE) 4deac23d-7add-4d96-9730-e8d92d89f66b Croatia (HR) 3194c202-9609-4141-9528-54d6a89cb187 Czech Republic (CZ) 093cf202-95b0-477b-a80f-9dc88e227275 Norway (NO) e9c2393f-749e-42a8-b882-8d286b992c5e Finland (FI) a62dc777-2e35-4f81-a40d-51f5616254b2 Poland (PL) b4e0b421-0a1d-4f3e-a810-1ebf7c97d211 Netherlands (NL) ab25a1d6-f4d6-47d9-b0e4-504891d29f1e Netherlands (NL) 8f39a7ce-9b3c-4d38-8751-c6b377ff918e Greece (GR) 89c2841b-7f1c-4a70-99c6-44a9468bc856 Netherlands (NL) 1070024e-84b6-49ae-af8a-caa6cd36a582 Sweden (SE) e8ba12e2-7a1e-4077-8202-58a53485336a Germany (DE) 32f885f8-ab66-4938-b167-db4f252bab01 Germany (DE) 36710ed1-07d6-45eb-bb1b-b3c811e41243 France (FR) 5b4fdd11-5ab4-45b6-a847-4837a3bd33fd Netherlands (NL) 52eaafe2-0df9-4761-9990-fedac38314b4 Spain (ES) c5738d34-58e2-4e9a-8474-f9fc8b26d03a Netherlands (NL) c70e92bd-fe29-4b0c-ab47-328be3ea5858 Poland (PL) 8b0b8a2e-e20e-482f-b0b3-26c6283aa69e Portugal (PT) db846543-4ecb-4751-a781-eaf1d03a8e2f Bulgaria (BG) be7675bd-0645-4ecd-8685-544331f12bb8 Sweden (SE) 54ccc4fd-1519-4272-86c7-bc492c8005fb Poland (PL) be0c8580-a01e-455b-a0a1-3f61b3e78a3b France (FR)

Ordering

Order Code US and Canada	XT1NU3060AFF000XXX
EAN	8015644785093
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
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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	8015644785093

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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 3.9 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	60 A
Rated Voltage (U _r)	600Y/347 V
Rated Instantaneous Short-Circuit Current Setting (I _i)	700 A
Rated Operational Voltage	600Y/347 V AC 500 V DC
Rated Uninterrupted Current (I _u)	125 A
Recommended Screw Driver	Main Circuit M6
Release	TMF
Release Type	TM
Setting Range	60 A
Short-Circuit Performance Level	N
Standards	UL489
Sub-type	XT1
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front

Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0008

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 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

