



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 %
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 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
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
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 3.9 W
Rated Current (I _n)	60 A
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
Rated Voltage (U _r)	600Y/347 V

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
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

