



PRODUCT-DETAILS

XT1N 125 TMF 80-800 3p F F UL/CSA

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General Information	
Extended Product Type	XT1N 125 TMF 80-800 3p F F UL/CSA
Product ID	1SDA074644R1
EAN	8015644786212
Catalog Description	XT1N 125 TMF 80-800 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 80-800 A

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890
Extended Product Lifetime	Product Modularity

Recyclability Rate of the Product acc. to EN45555

Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	a3092b52-c7b0-46f4-a587-9578e451bba7 Italy
Simplified SCIP	b2340d3b-188b-4daf-8947-8bb974b4f69e Germany f78364e7-bd45-4331-9134-7d13a1e77777 Netherlands 60947389-f3a5-4348-b36e-eb9c73fa6d0d Portugal 17bda6c2-328a-4e8a-a4a1-742560832538 Norway 58ee7ea9-978d-487d-ab1c-c7c30f13a173 Finland adbf6a6f-4548-4108-8885-289fe00fcb55 Poland eca4e28b-3bb4-4748-8506-4a95a5f21ccd Netherlands 47f5d8bc-8c12-47db-a29a-5c02bf51a3e4 Netherlands 22133da5-b4fb-4ec8-b112-83d7d145d4f6 Estonia 18ca1470-07ff-446e-9d02-a5b426685eb0 Germany d6df0810-1652-49ce-8913-c4c7bf90ca3a Denmark 76ee3543-11ee-4243-97d6-5daee2d350b7 Germany 3f83c144-b5ff-40dd-bfa6-299f8e6b4dfd Croatia 34dc34be-e7fb-4df6-82b6-b2c5278a31e1 Czech Republic 6a8f9c77-c878-4e35-befa-c304bcc097aa Poland 4293d883-427d-4be4-a847-50dc2e10393e Greece 7bfd3ed4-a382-4072-9a18-8ae4ddc193ca Bulgaria a6a9fe1c-f309-4111-87a3-87d19d51e683 Sweden 0379fd51-9eb7-4184-b8a2-1507a9ef780e Poland 98fcf8d4-5d6a-4321-b91e-b2fa16ed54c3 France ef35b0b4-7227-4c34-b530-51191eb159df Sweden 1907a2c2-5b32-40e3-8c6c-d2155eb2e18b Germany 9256e718-5baf-42cd-abcd-f1badeae94c4 Germany 34ddc332-dd9c-4010-beb1-5d8a180222b7 France a160dfe9-ac41-4c92-b55f-397bdac67266 Netherlands 6b15499e-5f7b-43dd-83ca-7cc107a77823 Spain bc7b4ecc-79e8-4c3e-b815-1a68bcf949f3 Netherlands

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1NU3080AFF000XXX
EAN	8015644786212
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	8015644786212

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	3P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.8 W
Rated Current (I _n)	80 A
Rated Instantaneous Short-Circuit Current Setting (I _i)	900 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	80 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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

