



PRODUCT-DETAILS

XT1N 125 TMF 30-500 3p F F UL/CSA
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General Information	
Extended Product Type	XT1N 125 TMF 30-500 3p F F UL/CSA
Product ID	1SDA074637R1
EAN	8015644785048
Catalog Description	XT1N 125 TMF 30-500 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 30-500 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	e2200995-5d7a-4972-b5fb-894afbae3851 Italy (IT)
Simplified SCIP	5c2c7f27-9591-495e-acd3-dcf109a16c48 Germany (DE) a83373d9-ed9b-4cb6-a034-9348a186b0ba Netherlands (NL) 24925faa-75b1-41b3-aafe-3e14a0c8f5b3 Portugal (PT) 44e8e08a-acdb-449e-a630-00f51905483f Bulgaria (BG) 0c3841c0-ae66-4971-8424-0a05d39282c4 Sweden (SE) 8d7fb306-399e-45ef-8170-ef3b8cc75e87 Poland (PL) b63847d5-b49e-4775-8186-ec0248989b7f France (FR) e0531326-f6d9-4337-acd9-3a297788620a Sweden (SE) c18f3686-94bf-464b-86a7-ff2750ab61c7 Germany (DE) fc2548e9-2d02-408a-9599-621a6484e447 Estonia (EE) 794a96dc-e0d7-4a43-9b0a-c6955f0ed120 Germany (DE) 816d96ea-95dc-4d46-af30-271c3dc407af Denmark (DK) 09f1ccc3-9158-45af-bfa2-2d1503647cfe Germany (DE) 4152072e-fc05-4795-9ca5-7c4d66e3a797 Croatia (HR) 16da7102-cce7-464d-82c7-f2ed10eb9a2f Czech Republic (CZ) adad12db-287b-4a9c-af02-5ee19dd15c03 Poland (PL) 4f4bd9ef-29c3-4ed9-bce6-664db60a0bf9 Norway (NO) 4f8b0f85-96a2-4fed-8e0f-b7e1a567898a Finland (FI) b3c472af-113b-4dcc-ba19-8849f626e96f Poland (PL) 1b6b3328-5bab-47a4-85e7-76e08e961871 Netherlands (NL) 3b0025d4-6c1e-4918-8aef-b31e7ef865a8 Netherlands (NL) 199727dc-3a10-4a17-915f-52fa5300d1b6 Germany (DE) 1862f452-d1c2-4290-b867-f000d5100152 France (FR) 31c00e45-ab83-493d-a668-c4224e7f0172 Netherlands (NL) b0f29119-6bc9-4469-9395-5c716a7fb566 Spain (ES) 688a0ad7-66f0-4778-bba8-2868777ad4eb Netherlands (NL) a4f1514f-ec1e-4d53-8286-415acac5fba5 Greece (GR)

Ordering

Order Code US and Canada	XT1NU3030AFF000XXX
EAN	8015644785048
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	8015644785048

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 1.8 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	30 A
Rated Voltage (U _r)	600Y/347 V
Rated Instantaneous Short-Circuit Current Setting (I _i)	500 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	30 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

