



PRODUCT-DETAILS

XT1H 125 TMF 60-600 3p F F UL/CSA

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General Information	
Extended Product Type	XT1H 125 TMF 60-600 3p F F UL/CSA
Product ID	1SDA074702R1
EAN	8015644786793
Catalog Description	XT1H 125 TMF 60-600 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT1H 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 bab4f88a-5f5f-4cd4-9357-e98d7fa445af Italy (IT)
 Simplified SCIP ef3966bb-45a4-4435-974d-b64ac5ed7935 Germany (DE)
 ce8bc15f-438d-48b7-ad26-795dff3aaf36 Sweden (SE)
 ef579ec2-7a29-45c3-929d-1cbbc25f84f1 Denmark (DK)
 ce2c1fce-b90d-49de-bd89-ad0fa429e3d5 Germany (DE)
 e845b212-5a27-4781-b88c-aac72eda39a8 France (FR)
 086293e9-5bb4-4a7b-b56c-77163a31e6b5 Croatia (HR)
 5390cde0-5316-474b-9855-f8299d0205e2 Germany (DE)
 3579434e-0179-4fae-9151-007c68a85600 Czech Republic (CZ)
 9ee41204-e523-413c-860c-d78be7278a3c Belgium (BE)
 178092f5-58d1-4288-9065-b67099a7d1c1 Spain (ES)
 8e6dad07-8531-4dd9-bd4b-b8263f451592 Hungary (HU)
 b105182b-2455-48ed-9115-985f1428b470 Belgium (BE)
 0576b1ec-bb90-4683-91ff-ea0c3e6f9703 Estonia (EE)
 f78fe3f2-8a72-445f-8be6-700fa6a7b3f1 Finland (FI)
 e63d3eda-e09d-49ea-a378-ef8817b946a0 Netherlands (NL)
 3e715fc8-5208-4a8f-ae8a-fe4f1fe749c6 Poland (PL)
 311af6a3-23fe-4898-a312-efc3b2661681 Hungary (HU)
 ce28fa81-6e50-4f07-b7f7-ae967ed2f110 Greece (GR)
 24efc020-0f2c-42f2-87d8-c8e5c741e4f9 France (FR)
 aae7d9fa-64f8-462b-853a-90c4311605e0 Bulgaria (BG)
 2dcb922d-7b40-4359-98b3-49ec14a361bb Poland (PL)
 1ae2b5d4-08cf-4f14-9ae1-704351f2c8e0 Poland (PL)
 853a9fac-7b5a-4f61-a8bc-c0ac3907b006 Norway (NO)
 84e4f177-89f9-424e-9ae3-4dfbdb748c1e Sweden (SE)
 11b3d7d2-f266-4840-b893-3c23b39ff4dd Germany (DE)
 575d218d-6e5e-450d-a201-4fe6f6dc3ac2 Germany (DE)
 86c2381b-0e86-4db4-88f5-fa84331c3695 Portugal (PT)

Ordering

Order Code US and Canada XT1HU3060AFF000XXX
 EAN 8015644786793
 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	8015644786793

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)	600 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	H
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) 100 kA (480 V AC) 65 kA (600Y / 347 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 4 Poles in Series Kind 50 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

