



PRODUCT-DETAILS

XT1H 125 TMF 30-500 3p F F UL/CSA

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General Information	
Extended Product Type	XT1H 125 TMF 30-500 3p F F UL/CSA
Product ID	1SDA074697R1
EAN	8015644786748
Catalog Description	XT1H 125 TMF 30-500 3p F F UL/CSA
Long Description	XT1H 125 TMF 30-500 3p F F UL/CSA

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	UL 2799 Zero Waste To Landfill Validation available

Target

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 35962d9c-642f-46e0-b1e2-4c2c9543d283 Italy (IT)

Simplified SCIP ae263cc4-3732-48bb-8312-dbe8f866211c Germany (DE)
 32916534-21d1-4f06-b843-a5269febfa6e Denmark (DK)
 bd2b344b-dbde-4214-866f-30e2e88c12b3 Germany (DE)
 420ccd0f-3657-4d9c-819f-8051a7f06467 Croatia (HR)
 cafe7b63-88ca-4389-98bc-76ec03617cbd Czech Republic (CZ)
 8482df48-8493-42ec-a360-a0f9c540bf89 Poland (PL)
 6950b362-27e3-4fdf-aed4-45c45eae8555 Greece (GR)
 a7b6c64b-224a-4ac4-a92e-a88602f4502b Portugal (PT)
 7cea0a4c-d883-4cbe-81fc-cd1aad7d337 Bulgaria (BG)
 Od72fa01-6d6b-4232-a0fb-9bc75540a2da Sweden (SE)
 7c8140f1-9910-4e4d-8f61-8139a2a54b28 Poland (PL)
 82e485c8-3f23-4dc1-b84b-b07ff9b2f1d8 France (FR)
 a7f19c35-bce0-4ed3-82d8-Obaa29e58698 Sweden (SE)
 eacd71d9-f904-4c27-8492-eff099c0daf3 Germany (DE)
 ff7d847f-21f9-448a-89d4-eabebf55907d Germany (DE)
 833005af-c07c-4d6c-a4d3-f17c29718b73 Finland (FI)
 6be4efd4-6360-4255-ba24-38507ecf2129 Poland (PL)
 d1e08b33-32b7-44a7-bfb9-54224bcea205 Netherlands (NL)
 2ef0afbe-9e62-445a-9f66-11078d2098a6 Netherlands (NL)
 e272f6ec-3640-4f8a-83b4-ad9218b0b972 Estonia (EE)
 61ff3c12-daaa-48a3-972f-4164b2ed186c Germany (DE)
 378fc45d-98e9-4a81-ad81-dc66a755cf28 Norway (NO)
 4bd6cd06-923a-42d6-907f-20bd3ba21b62 France (FR)
 7c99128d-a740-4775-adcf-fdc9d3cdd8bb Netherlands (NL)
 d848c9d0-88a5-4179-a302-8cc0110ca60c Spain (ES)
 fae3ce0e-c35e-45ce-b0fe-20c709ec623a Netherlands (NL)
 40de8f9e-aa36-474c-9986-b8629577d5b3 Netherlands (NL)

Ordering

Order Code US and Canada XT1HU3030AFF000XXX

EAN 8015644786748

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	8015644786748

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 1.8 W
Rated Current (I_n)	30 A
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
Rated Voltage (U_r)	600Y/347 V
Recommended Screw	Main Circuit M6

Driver	
Release	TMF
Release Type	TM
Setting Range	30 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	2CDC210017C0101 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	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

