



PRODUCT-DETAILS

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



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 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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
---	-----------------

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	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-cd1aadb7d337 Bulgaria (BG) Od72fa01-6d6b-4232-a0fb-9bc75540a2da Sweden (SE) 7c8140f1-9910-4e4d-8f61-8139a2a54b28 Poland (PL) 82e485c8-3f23-4dc1-b84b-b07ff9b2f1d8 France (FR) a7f19c35-bce0-4ed3-82d8-0baa29e58698 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
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	H
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) 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
-----------------------------------	---

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 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

