PRODUCT-DETAILS

XT1H 125 TMF 100-1000 3p F F UL/CSA

XT1H 125 TMF 100-1000 3p F F UL/CSA



General Information

Extended Product Type:	XT1H 125 TMF 100-1000 3p F F UL/CSA
Product ID:	1SDA074706R1
EAN:	8015644786830
Catalog Description:	XT1H 125 TMF 100-1000 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 100-1000 A
Display Name:	XT1H 125 TMF 100-1000 3p F F UL/CSA

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 %

© 2026 ABB. All rights reserved.

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:	5b7a7380-c053-433a-9f61-08fa87722d7b Italy
Simplified SCIP:	e0586616-1069-4194-b884-80e044d27193 Germany 37c6df43-5e1b-4817-b794-339ac18e23a6 Croatia 37f6e4cc-48cd-4fea-a24f-03cac81d35c3 Czechia fc0cee72-60eb-4d8e-8a8d-eaebe44aab19 Denmark 17367a5e-3f4d-49e3-b5e5-9c543ad6bf94 Sweden eb2f426b-7b73-4cea-881a-d7dd0ad79c2d Germany c23ff3ce-9400-4e4e-927b-ad22450fb521 France ebeae46e-76b7-4513-92e4-f800040c451e Germany 9261ffca-86bc-405b-91f4-319fd846ddc6 Hungary 1fa6f5fc-7ba3-4dda-a01d-f6adab7893b2 Spain 075b1678-7e71-48cd-9824-fc260f2f152e Belgium 3bd5d061-e310-4064-b60c-6b3bd7f94885 France b980ed83-55d9-4544-990c-daa669a4b982 Poland 2562a00b-094b-4ff0-8520-de14820294fd Germany 78898227-54dd-4a64-bcd4-e3fc834099f2 Germany 064d5381-d941-4413-aca7-e7b73cd64aeb Portugal 949f3ba9-8f37-4702-a1f6-180ea8467b98 Poland 2e4d5011-a2c7-4793-9bea-a292444c8bb4 Netherlands f6087d44-cd7a-47ec-94a7-5737a8cb8e60 Sweden 0f434782-16d3-4e4a-b24b-e9cb81c9f4da Norway 6fe277ca-3bf6-4ed1-90d7-8bbfd05cf69a Bulgaria b7c3cec4-ee79-4e84-8c3e-26c94501e45e Poland d2503023-b537-4a63-84f4-50a3fed6dbdb Finland 42d1e26f-e329-4a45-8fd9-3cc95ce7a224 Hungary c8c834db-a5d2-4cbe-89a1-9b6710822da8 Greece 256ff5cf-d3b5-4e0b-9f9f-88f7afc88917 Estonia 26b02900-a58a-45ed-a2ee-0b51d4aac893 Belgium

Environmental

Environmental Information:	9AKK108467A6707

Ordering

Order Code US and Canada:	XT1HU3100AFF000XXX
EAN:	8015644786830
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	76.2 mm

© 2026 ABB. All rights reserved.

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:	8015644786830

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 7 W
Rated Current (I_n):	100 A
Rated Instantaneous Short-Circuit Current Setting (I_i):	1000 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

© 2026 ABB. All rights reserved.

Release:	TMF
Release Type:	TM
Setting Range:	100 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

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

Accessories

© 2026 ABB. All rights reserved.

Identifier	Description	Type	Qty	Unit Of Measure
1SDA075869R1	KIT FC Cu XT1 14-1/0 AWG 3pcs UL/CSA	KIT FC Cu XT1 14-1/0 AWG 3pcs UL/CSA	1	piece
1SDA075871R1	KIT FC Cu XT1 14-1/0 AWG 6pcs UL/CSA	KIT FC Cu XT1 14-1/0 AWG 6pcs UL/CSA	1	piece
1SDA075873R1	KIT FC Cu XT1 14-1/0 AWG 3pcs MCP UL/CSA	KIT FC Cu XT1 14-1/0 AWG 3pcs MCP UL/CSA	1	piece
1SDA075875R1	KIT FC Cu XT1 14-1/0 AWG 6pcs MCP UL/CSA	KIT FC Cu XT1 14-1/0 AWG 6pcs MCP UL/CSA	1	piece
1SDA075837R1	KIT FC CuAl 10-2/0 AWG XT1 3pcs UL/CSA	KIT FC CuAl 10-2/0 AWG XT1 3pcs UL/CSA	1	piece
1SDA075897R1	KIT MC Cu 6x14-2 AWG XT1 3pcs UL/CSA	KIT MC Cu 6x14-2 AWG XT1 3pcs UL/CSA	1	piece
1SDA075899R1	KIT MC Cu 6x14-2 AWG XT1 6pcs UL/CSA	KIT MC Cu 6x14-2 AWG XT1 6pcs UL/CSA	1	piece

Categories

Products > Low Voltage Products and Systems > Circuit Breakers > Moulded Case Circuit Breakers > Tmax XT







© 2026 ABB. All rights reserved.