



PRODUCT-DETAILS

XT4H 250 TMA 250 1250..2500 4p FF UL/CSA
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General Information	
Extended Product Type	XT4H 250 TMA 250 1250..2500 4p FF UL/CSA
Product ID	1SDA075256R1
EAN	8015644792336
Catalog Description	XT4H 250 TMA 250 1250..2500 4p FF UL/CSA
Long Description	C.BREAKER TMAX XT4H 250 UL/CSA FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.30 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

End of Life Instructions	9AKK108468A2351
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	9AKK108468A1892
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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	c3920814-4618-47c3-8c42-176391593163 Italy (IT)
Simplified SCIP	<p>1fed1270-ead4-4ced-8c29-54b9bde7f9cd Germany (DE)</p> <p>d35ed140-357f-4186-b56f-ef2548c14d87 Norway (NO)</p> <p>9c51b72a-2d60-43a1-bc0f-a2e2d114d68b Finland (FI)</p> <p>55a690b8-ad36-4d64-8127-b597f442f576 Poland (PL)</p> <p>b6258119-69ed-4927-92e6-a4f9462a150a Netherlands (NL)</p> <p>2e19a3f6-3275-4a0d-97f8-594170d1dff8 Netherlands (NL)</p> <p>4a521cf3-2aa8-4253-bf0a-405ca240f772 Estonia (EE)</p> <p>92d80f28-9b29-4c12-9dd0-ce4e7b179b75 Germany (DE)</p> <p>11c2911b-4adc-4528-ac12-3dd3476d1ed0 Denmark (DK)</p> <p>8bfa8996-7a40-4ffe-851d-a9aa3a1a558b Germany (DE)</p> <p>57b903bd-c98f-41e6-84ba-7fff42aad785 Sweden (SE)</p> <p>db8c32e6-3954-4499-9581-e70d7cde5aeb Poland (PL)</p> <p>bb19dfd0-d211-4f95-971c-254d19e68ef0 France (FR)</p> <p>66f675d2-3207-447f-90ae-8d654c283eba Sweden (SE)</p> <p>f3d74562-7e5e-402b-b92a-b6fd6ee5049a Germany (DE)</p> <p>28089b31-a397-4365-b123-fd0511a5c455 Germany (DE)</p> <p>c2744251-c319-4ff4-a2b0-0fbc1f31945b Croatia (HR)</p> <p>aed05404-f3bf-4ebe-8f12-d28b35e0d469 Czech Republic (CZ)</p> <p>5abbcd7e-647f-48dc-a1a6-e78a2e643451 Poland (PL)</p> <p>754a1960-0b30-4b0e-9d45-bb06457164ac Greece (GR)</p> <p>7dcbc337-69fe-43a2-8ba3-65222e9e356f Portugal (PT)</p> <p>7855b435-22ac-4e1e-94bc-2ed8603f9518 Bulgaria (BG)</p> <p>9c6c8a8b-c4d3-4008-80dc-907ba93dd194 France (FR)</p> <p>e2d2d982-bb55-4c1e-a0a7-4cdf2bf8f2bb Netherlands (NL)</p> <p>984249d5-ca21-4829-894b-fe7d9ee8dfa0 Spain (ES)</p> <p>53824454-f609-460a-b847-40766ece859d Netherlands (NL)</p> <p>9ddb36d6-90bf-49a9-92bc-e0d1927470cf Netherlands (NL)</p>

Ordering

Order Code US and Canada	XT4HU4250BFF000XXX
EAN	8015644792336
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	140 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	3.5 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	145 mm
Package Level 1 Height	210 mm
Package Level 1 Depth / Length	168 mm
Package Level 1 Gross Weight	3.5 kg
Package Level 1 EAN	8015644792336

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..200 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	4
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 16.4 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	250 A
Rated Voltage (U_r)	600 V
Rated Instantaneous Short-Circuit Current Setting (I_s)	1250...2500 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current (I_u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMA
Release Type	TM
Setting Range	175...250 A
Short-Circuit Performance Level	H
Standards	UL489
Sub-type	XT4
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0677

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 150 kA (480 V AC) 65 kA (600 V AC) 25 kA
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(250 V DC) 2 Poles in Series 50 kA
 (600 V DC) 3 Poles in Series 65 kA

Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3908
Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK106713A5529
UL Certificate	1SDL000163R0114
VDE Certificate	No certification needed
Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0003 1SDH000721R0505

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

