



PRODUCT-DETAILS

XT4H 250 TMA 250-2500 3p F F

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360°

General Information	
Extended Product Type	XT4H 250 TMA 250-2500 3p F F
Product ID	1SDA068345R1
EAN	8015644022518
Catalog Description	XT4H 250 TMA 250-2500 3p F F
Long Description	C.BREAKER TMAX XT4H 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A

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	9AKK108469A1857 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	62f9b351-ae79-4e9f-bcc2-3128e3e2c068 Italy (IT)
Simplified SCIP	a666ddee-2f0c-4cc9-b780-45990b58daf1 France (FR) 5fc8293e-1254-426f-9c08-917a0fefa1c9 Hungary (HU) d8363695-6bd4-4b93-8d7f-704aba26987e Spain (ES) 55a55b89-0a86-4b66-b799-b2bebefd9a5 Belgium (BE) 2cdfac74-28b9-410f-b447-ebe0790a78bb Portugal (PT) 89f82776-1052-4d91-b549-432bed4af6f6 Sweden (SE) c1ad9aab-0fca-489c-9bd8-cc6858c73e3a Denmark (DK) 2194f03c-206b-421b-b48b-255f38b3c7f9 Germany (DE) 439d606c-53fe-4d76-a049-2d99d573e5d5 Croatia (HR) 00d22dac-8573-4a2d-977e-f5bade8ed752 Germany (DE) 39696282-b1ab-4610-9a36-89952adc2c23 Germany (DE) e00cab3c-82ee-4441-b67b-600e947eddce Czech Republic (CZ) 5aa5b7db-121e-4b67-b890-f3b0463595ef Finland (FI) 5ef4a016-2cc4-40cb-a478-ac96c72429fc Germany (DE) 8ffbe887-725b-4704-99a2-f93c232b6f95 Poland (PL) 694e7183-4ac1-4a13-a8b3-ee80f93c0f8f Poland (PL) 24247938-7415-4855-ba4f-566e4fd8bd73 Bulgaria (BG) 45c0fb37-15e5-4588-95ae-711e85044975 Sweden (SE) 265478ed-ed1e-4409-9c0c-8b81cbff4d50 Netherlands (NL) efdc7c30-8fe1-4ecf-b929-3fe26ce7f5e1 Norway (NO) 51a1b38e-2881-4b85-85fc-e4df0031051c France (FR) d209594f-884f-433d-b226-c700b5339f11 Greece (GR) 9ab14d06-cec2-471c-98db-a78af23d27e0 Germany (DE) 6f10939e-fcef-4c3e-9de4-3554146772c9 Estonia (EE) db432cbc-16cf-4ee1-9d18-6a2cf39da8ec Belgium (BE) 17cad91e-24dc-4e76-8a9f-d98d82c8e84e Poland (PL) df9f87c4-e9c4-44a7-9ba9-df705883ce17 Hungary (HU)

**Ordering**

Order Code US and Canada	XT4HE3250BFF000XXX
E-Number (Finland)	3638098
EAN	8015644022518
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	105 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.253 kg

**Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	151 mm
Package Level 1 Height	214 mm
Package Level 1 Depth / Length	171 mm
Package Level 1 Gross Weight	2.386 kg
Package Level 1 EAN	8015644022518

**Additional Information**

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..200 mm²
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 16.44 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 Frequency (f)	50 / 60 Hz
Rated Voltage ( $U_r$ )	690 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Instantaneous Short-Circuit Current Setting ( $I_s$ )	1250...2500 A
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 45 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 45 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted	250 A

Current (I <sub>u</sub> )	
Recommended Screw Driver	Main Circuit M8
Release	TMA
Release Type	TM
Setting Range	175...250 A
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT4
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1003

## Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5529
GL Certificate	1SDL000163R0095
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0001

## 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
Object Classification Code	Q
UNSPSC	39120000
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



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