



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 %
End of Life Instructions	9AKK108468A2351
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A1857 9AKK108468A1892
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Environmental

Environmental Information	9AKK108467A6707
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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	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-b2bebeefd9a5 Belgium (BE) 2cdfac74-28b9-410f-b447-eb0790a78bb 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-566e4fddb73 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) df9f7c4-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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH002230A1003

Technical

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	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
Rated Current (I _n)	250 A
Rated Frequency (f)	50 / 60 Hz
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	(220 V AC) 100 kA (230 V AC) 100 kA

(I _{cu})	(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 Current (I _u)	250 A
Rated Voltage (U _r)	690 V
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

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 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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