



PRODUCT-DETAILS

XT4N 250 TMA 250-2500 4p F F InN=50%

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General Information	
Extended Product Type	XT4N 250 TMA 250-2500 4p F F InN=50%
Product ID	1SDA068106R1
EAN	8015644695903
Catalog Description	XT4N 250 TMA 250-2500 4p F F InN=50%
Long Description	C.BREAKER TMAX XT4N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A NEUTRAL = 50% PHASES
Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
Environmental	
Environmental	9AKK108467A6707

Information	
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	53eb001f-1b12-49fa-aac6-79990a1155b1 Italy (IT)
Simplified SCIP	757ca5b2-c7d6-4e8f-8954-00e27ffc9ff1 Germany (DE) 1fbac286-daca-42c7-ba89-bac9ab7e7b62 Sweden (SE) b933acd2-27c8-4844-9a4f-65c6f3239eec Poland (PL) fcd8942d-c7d9-47f4-9dce-428c3edcd44a France (FR) 6025aa89-c4b1-4749-9010-d6b28fad2176 Germany (DE) fb70c5d5-283d-4b69-9f43-65126366b249 Denmark (DK) 7e9bb7e0-8d63-4623-9f7f-74ee70cebfe7 Germany (DE) 89cddb77-7988-48b6-80dc-7fada698b56d Croatia (HR) 08a706c1-1a1b-434b-a982-e88dc011961b Czech Republic (CZ) 12bd441c-00d8-469d-81da-96c3f7d36265 Poland (PL) 2a73d77e-6dca-4790-b277-beb31477fa3b Netherlands (NL) a39a0046-ba6c-4398-955d-1a6e9b7b8941 Sweden (SE) 217186e3-4935-4046-8655-649cf241e3d5 Germany (DE) d1960592-408a-4bd7-a0de-c570ac9d4bf9 Germany (DE) 8081da26-02fc-4b71-87c9-974fc7af0e5a France (FR) adf859a5-7e26-413a-84c3-6f63c2f470a1 Netherlands (NL) 4a255223-29b9-401f-ae40-cbfcabc433f3f Spain (ES) 0a6430bd-7e06-4172-8a32-03a7e26aa25a Netherlands (NL) 724ab3bd-b7dc-4f67-bfe9-7509858f7c73 Poland (PL) 559a9fd3-7a52-49d8-9207-80057050ffef Norway (NO) 174edf2a-6d2a-4fdf-af85-d164b5b61c67 Finland (FI) 236b2029-19bc-44f6-8cde-b263e2565cee Netherlands (NL) 7bff4f4a-b099-403f-ae8a-b7437ce52db6 Netherlands (NL) 4afd1b45-2511-4096-a892-f2ceaf853f52 Estonia (EE) ee9de11c-3bef-43a2-b010-2e8036c7ff1d Greece (GR) d3f46012-7430-42de-889c-4e34cf9abbab Portugal (PT) 1e1c1594-bf78-4f74-b8d4-51768e9371ac Bulgaria (BG)

Ordering

Order Code US and Canada	XT4NEN250BFF000XXX
EAN	8015644695903
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	8015644695903

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 16.44 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 _i)	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) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
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	N
Standards	IEC60947-2
Sub-type	XT4
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0677

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

