

## PRODUCT-DETAILS

XT4N 250 TMA 250-2500 4p F F InN=100%

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### General Information

Extended Product Type	XT4N 250 TMA 250-2500 4p F F InN=100%
Product ID	1SDA068111R1
EAN	8015644695927
Catalog Description	XT4N 250 TMA 250-2500 4p F F InN=100%
Long Description	C.BREAKER TMAX XT4N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A FULLY RATED NEUTRAL

### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326

### 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	825ef000-86ef-4390-b3bc-469b4df74414 Italy (IT)
Simplified SCIP	cb69cc10-63ba-41bc-bda5-6e03afef0b0c France (FR) 40eb3dde-d3b2-406a-84b2-4e1f63035e08 Spain (ES) 34a4dc9f-1eec-432d-bc69-a23d9b967e02 Netherlands (NL) 7f78b6a1-9f5e-437f-bf87-938e43fbc68c Poland (PL) 7d306bbd-549c-4034-bcdc-f032dbe79dad Norway (NO) 94c56379-8fca-4a40-90da-227859ef3b3a Finland (FI) 467ed015-eaf9-4cfa-9c3c-9fbb93438f8a Sweden (SE) 8449ca87-1e19-4f50-9bdb-a73a181dbfb5 Germany (DE) efb9a579-3068-4246-ade0-55e6c2d93a1d Germany (DE) 1311aed6-b2fb-436a-94b9-58f9aabe78bc France (FR) 8a7e9128-6d32-46a7-a085-4c8ad467a9da Netherlands (NL) 435ee1cf-a647-4d14-917f-a92c18664a63 Netherlands (NL) 06d32ce4-2192-4b66-b435-1b8a3dfcde2 Germany (DE) a75d22c6-706c-4b95-a7c7-17d7a6b8ea5f Denmark (DK) 9fa63426-af62-4435-aeb2-89f997a7bc0d Germany (DE) 41ae1071-0864-43fe-9d1a-e4fee3be8061 Croatia (HR) 51202b64-a5f6-4add-b57d-ea00954dc5e4 Czech Republic (CZ) 34501fec-5f8a-40b3-83a7-964289f7d735 Poland (PL) 297c4a69-cd7e-4b69-b7ee-2d691192115e Netherlands (NL) d57b5d6d-2a78-44ba-8573-d248d355190e Netherlands (NL) 436a73af-7a7d-4e9e-ada8-2355988c26b0 Estonia (EE) 6afcc577-c53f-43c1-9b38-3e1bdb07daf4 Greece (GR) c32813d1-7891-418b-8719-4944cb65073a Portugal (PT) 7f5fce92-caf0-4896-b0c7-ac8ce1387064 Bulgaria (BG) c55d0677-9be7-446d-96e9-b3a3d55d77ea Sweden (SE) cf43b9fd-9c06-4093-b7e0-3c1c15e5b763 Poland (PL)

Ordering

Order Code US and Canada	XT4NE4250BFF000XXX
EAN	8015644695927
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	2.872 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	3.023 kg
Package Level 1 EAN	8015644695927

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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Connecting Capacity Main Circuit	Busbar 85..200 mm <sup>2</sup>
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 ( $I_s$ )	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) 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	IEC
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

