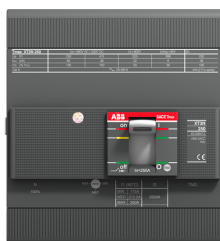


PRODUCT-DETAILS

XT3N 250 TMD 250-2500 4p F F InN=50%

XT3N 250 TMD 250-2500 4p F F InN=50%



General Information

Extended Product Type	XT3N 250 TMD 250-2500 4p F F InN=50%
Product ID	1SDA068066R1
EAN	8015644019679
Catalog Description	XT3N 250 TMD 250-2500 4p F F InN=50%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A NEUTRAL = 50% PHASES

ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2350
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target

Toxic Substances Control Act - TSCA	9AKK108467A8326
-------------------------------------	-----------------

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
---	------------------------------------

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	57eadf4a-5970-4adf-a4da-066359f9153b Italy (IT)
Simplified SCIP	81e60ee8-6c0e-44b2-95d5-91c754b56e0e Poland (PL) 24c809ec-b12f-4fb3-9cdf-95b8b1032b35 Netherlands (NL) 5963c41a-8c00-4cbf-81d0-28eb6ecbb283 Estonia (EE) 3f64f079-43e8-47cd-b114-d10d69ba9d34 Greece (GR) 3c8f0030-2e09-48d3-8888-aef966763b63 Portugal (PT) 153c2cda-5baf-425b-8b35-67feaf39186c Bulgaria (BG) 952ae9e2-bdc7-4763-b509-2ba57c09265d Sweden (SE) 004b5065-4539-4704-b3b9-a87ac5e094b4 Germany (DE) ee7c403e-febd-435c-a589-2edcd405aea0 Sweden (SE) 565848d3-dafb-4931-958e-167237b6fd20 Denmark (DK) 5b915541-3971-4c01-9202-853874e5e858 Germany (DE) 2c2ed932-0b95-4560-96dc-098bb3d22421 Poland (PL) dbd2837a-4142-4a2a-a55f-f7084a20ca88 Norway (NO) b9cbdc10-27f8-451b-8430-af420a947ce3 Finland (FI) ef77859c-e0c2-44e4-ae97-1ff5209c271c Netherlands (NL) d434b549-c0e5-4ef2-b0dd-5ef97d321094 Croatia (HR) 209b1d3f-2fea-4911-883a-1209260f589a Czech Republic (CZ) 010584df-cf52-441e-abd4-64b76e41c427 Poland (PL) 4fc2b5c4-f16c-479f-b7f9-daa21bda0099 France (FR) 5bde1267-5475-4c87-87f2-b7d48c4823b9 Germany (DE) 5bee0812-d8e7-4349-92ef-2c2399a7b578 Germany (DE) 1883f205-3976-4283-8397-26eb947565b6 France (FR) 447066ea-1d76-4cc5-aa4e-770312887d67 Netherlands (NL) 674f5277-7576-4fb4-99b8-f82b2696cd4f Spain (ES) 093ceba4-3512-4c9c-aea4-637123d56417 Netherlands (NL) ff18c3a7-f475-4ca2-83a3-82dadc281c72 Netherlands (NL)

Ordering

Order Code US and Canada	XT3NEN250AFF000XXX
E-Number (Finland)	3641013
EAN	8015644019679
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	140 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm

Product Net Weight 2.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	155 mm
Package Level 1 Height	190 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Gross Weight	2.214 kg
Package Level 1 EAN	8015644019679

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..192 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 17.8 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)	2500 A
Rated Insulation Voltage (U _i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 37.5 kA (230 V AC) 37.5 kA (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 kA (500 V AC) 15 kA (525 V AC) 9.75 kA (690 V AC) 3.75 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA

	(380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 25 kA (500 V AC) 20 kA (525 V AC) 13 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMD
Release Type	TM
Setting Range	175...250 A
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0483

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5530
GL Certificate	1SDL000163R0094
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000720R0100
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000720R0001

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

