



PRODUCT-DETAILS

XT3N 250 TMD 250-2500 3p F F

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General Information

Extended Product Type	XT3N 250 TMD 250-2500 3p F F
Product ID	1SDA068059R1
EAN	8015644019303
Catalog Description	XT3N 250 TMD 250-2500 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A

ABB EcoSolutions

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
End of Life Instructions	9AKK108468A2350
Environmental Information	9AKK108467A6707
Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target

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	6e02ed7f-17b7-4341-9a54-addfe501266a Italy (IT)
Simplified SCIP	c67c1509-1fb8-4452-a702-0b07f01fbbec Germany (DE) d4f45baa-ea21-4c9e-9189-1b75dc080893 Spain (ES) dd18c2d5-d07c-4f4a-9537-929096aa340a Netherlands (NL) c2c064b4-68e9-444e-b795-3162405604d5 Netherlands (NL) 7f17ec9d-7631-4488-b853-4de4c94aa81c Germany (DE) e4d6c1d5-5cd1-4ae7-9434-ae519f839247 Sweden (SE) f2253e3c-e8cf-43e9-ad91-7006b1eda1a3 Denmark (DK) 7a06855e-fdcd-42a1-adb4-7a036b2aa2fd Germany (DE) c4c4a8ef-9791-4d17-9b97-88c358732875 Poland (PL) 68e4f3ad-03c4-47f8-9732-c2c181bb6d26 Norway (NO) 0e4638d5-976e-49c6-b94a-430e73f5e716 Finland (FI) 26af04db-d477-408d-b429-c27e7a32b1a8 Netherlands (NL) c7169fb9-353e-4ad1-a7b9-f55758d503ba Croatia (HR) 9690de18-268a-4812-a2e9-4cfc22c37060 Czech Republic (CZ) 73a45bca-2680-4dd9-9d08-e5d52bef7b1a Poland (PL) 4fdf049f-4055-437f-b00c-732b3a20971e Netherlands (NL) 016b2e28-6f0e-43af-991e-8acac3433e5b Estonia (EE) ecb4b84a-ea71-4e87-8f8e-c9095f385895 Greece (GR) c11f564b-92ab-437b-8c0b-66c533b18139 Portugal (PT) c9c2a2c8-b424-42d1-b418-62bc7e3336c2 Bulgaria (BG) f17b83a9-6cf5-4ed8-9a8a-ad5bf35821ca Sweden (SE) 338fe678-9ff9-475b-b4c5-488832a7dc4a Poland (PL) 2ecaed7e-730d-48c1-95f8-4f5d8dbb6f04 France (FR) 854d4adb-7062-4e49-9888-eba42ff7a55f Germany (DE) fe453ba5-5af8-4dd1-829f-e48ec3218a3b Germany (DE) e9f8710e-d4ea-4b03-8e77-b1e789d499f6 France (FR) 228278be-3f3c-4121-ab92-d00b43371275 Netherlands (NL)

Ordering

Order Code US and Canada	XT3NE3250AFF000XXX
E-Number (Finland)	3641005
E-Number (Norway)	4309663
E-Number (Sweden)	3182434
EAN	8015644019303
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.7 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	1.73 kg
Package Level 1 EAN	8015644019303
Package Level 2 EAN	8015644019303

Additional Information	
Brand / Label	ABB
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	1SDH001295R0409

Technical	
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	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 17.8 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 _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) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 27 kA (415 V AC) 36 kA (440 V AC) 19 kA (500 V AC) 15 kA (525 V AC) 9.75 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(690 V AC) 3.75 kA
	(250 V DC) 2 Poles in Series 36 kA
	(500 V DC) 3 Poles in Series 50 kA
	(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) 36 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
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M8
Release	TMD
Release Type	TM
Setting Range	175...250 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m

Certificates and Declarations

ABS Certificate	1SDL000163R0109
ATEX Certificate	No certification needed
BV Certificate	1SDL000163R0099
CB Certificate	9AKK106713A2844
CQC Certificate	CQC2013010307638938 CQC2013010307650261 CQC2018010307082339
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CCC	9AKK108466A7756 2020980307003310 2020980307003402
Declaration of Conformity - CE	9AKK106713A5530
DNV GL Certificate	1SDL000163R0096
EAC Certificate	9AKK10103A1027
GL Certificate	1SDL000163R0094
I ² t Characteristic	1SDC210099D0206
KC Certificate	SW05006-15010
LR Certificate	1SDL000163R0100
RINA Certificate	1SDL000163R0098
UL Certificate	1SDL000163R0113
VDE Certificate	No certification needed
Dimension Diagram	1SDH000720R0100
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001

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

