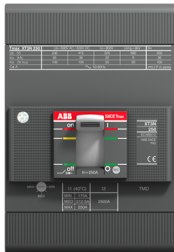




PRODUCT-DETAILS

XT3S 250 TMD 250-2500 3p F F

XT3S 250 TMD 250-2500 3p F F



General Information	
Extended Product Type	XT3S 250 TMD 250-2500 3p F F
Product ID	1SDA068221R1
EAN	8015644021276
Catalog Description	XT3S 250 TMD 250-2500 3p F F
Long Description	C.BREAKER TMAX XT3S 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2350
Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 56.6 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	fe1eb3d5-8c63-44e3-bb9c-10a9d49206e0 Italy
Simplified SCIP	47dd9d46-ad17-4e38-9b7c-13c562f18678 Germany 395af62d-3166-4330-85a8-57f13e3c4cd6 Czech Republic a87e088c-bfca-4bca-bd82-2e3996b21c8d Portugal bf0b7bc2-795b-4a18-97b5-d0d8f5a7acdc Bulgaria 3e4f51cf-72a5-492e-be25-a7d2dd6ff282 Sweden 69f60869-d4b2-4daa-9fd5-36d197f51f10 Poland Od7c7b1b-a443-4df0-a06f-7af825c37f11 Poland a6b4a186-2c57-4b75-9f4d-9eaccfd9b7b0 Netherlands 6fb29b1b-0ca7-4e33-a44c-024aac4956d Netherlands b78f8949-00db-4428-b91c-0646514f9dcc Estonia 675b8a00-d9a4-4f9a-bf6a-dc94fba0328e Greece fa62de05-56c7-44bc-a54e-9f790f893580 France f5455b37-8cfa-43a9-8b42-d5f752252d31 Sweden e06e5780-042d-4a05-8556-540e6750fb61 Germany 40296efb-f1d5-4dd8-b88a-4f2a333352a8 Germany 43c357e0-c904-4461-a29a-3201d177fc76 France 7af40e2c-a3e3-41bb-a8d9-1bec85a0444f Netherlands a9044156-da7f-49a2-9254-b458c64e50af Spain bf63fa76-4f5c-4a04-aeda-6f6a7da8d9d9 Netherlands f3d1d321-20ae-4580-92e0-be2d07fb2753 Poland 0cdbbb9a-2229-4d94-b659-4674ff269e38 Norway d0cc30b8-ea6d-49d7-9945-8ca15b360ca5 Finland 553e89f6-94d8-4d6e-a8bd-a6515c266c0f Netherlands 01a99f56-8375-449a-bef4-a2a245564d95 Germany f8a5a84b-dc9b-4dab-ac2b-3d255af93191 Denmark ca7d45d8-fe72-41ce-af50-92639318b638 Germany 9f1b92ef-6563-4865-afb4-37f962d0b9ca Croatia

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT3SE3250AFF000XXX
E-Number (Finland)	3641020
E-Number (Norway)	4379788
E-Number (Sweden)	3182436
EAN	8015644021276
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	1.71 kg
Package Level 1 EAN	8015644021276

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	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	3P
Opening Time	CB with SOR 30 ms CB with UVR 30 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) 20 kA (500 V AC) 15 kA (525 V AC) 10 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 27 kA (500 V DC) 3 Poles in Series 37.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 40 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 6 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	S
Standards	IEC60947-2
Sub-type	XT3
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	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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

