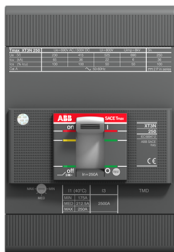




PRODUCT-DETAILS

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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
End of Life Instructions	9AKK108468A2350
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

**Eco Transparency**

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

Environmental Information	9AKK108467A6707
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**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	fe1eb3d5-8c63-44e3-bb9c-10a9d49206e0 Italy (IT)
Simplified SCIP	47dd9d46-ad17-4e38-9b7c-13c562f18678 Germany (DE) 395af62d-3166-4330-85a8-57f13e3c4cd6 Czech Republic (CZ) a87e088c-bfca-4bca-bd82-2e3996b21c8d Portugal (PT) bf0b7bc2-795b-4a18-97b5-d0d8f5a7acdc Bulgaria (BG) 3e4f51cf-72a5-492e-be25-a7d2dd6ff282 Sweden (SE) 69f60869-d4b2-4daa-9fd5-36d197f51f10 Poland (PL) 0d7c7b1b-a443-4df0-a06f-7af825c37f11 Poland (PL) a6b4a186-2c57-4b75-9f4d-9eaccfd9b7b0 Netherlands (NL) 6fb29b1b-0ca7-4e33-a44c-024aabc4956d Netherlands (NL) b78f8949-00db-4428-b91c-0646514f9dcc Estonia (EE) 675b8a00-d9a4-4f9a-bf6a-dc94fba0328e Greece (GR) fa62de05-56c7-44bc-a54e-9f790f893580 France (FR) f5455b37-8cfa-43a9-8b42-d5f752252d31 Sweden (SE) e06e5780-042d-4a05-8556-540e6750fb61 Germany (DE) 40296efb-f1d5-4dd8-b88a-4f2a333352a8 Germany (DE) 43c357e0-c904-4461-a29a-3201d177fc76 France (FR) 7af40e2c-a3e3-41bb-a8d9-1bec85a0444f Netherlands (NL) a9044156-da7f-49a2-9254-b458c64e50af Spain (ES) bf63fa76-4f5c-4a04-aeda-6f6a7da8d9d9 Netherlands (NL) f3d1d321-20ae-4580-92e0-be2d07fb2753 Poland (PL) 0cdbbb9a-2229-4d94-b659-4674ff269e38 Norway (NO) d0cc30b8-ea6d-49d7-9945-8ca15b360ca5 Finland (FI) 553e89f6-94d8-4d6e-a8bd-a6515c266c0f Netherlands (NL) 01a99f56-8375-449a-bef4-a2a245564d95 Germany (DE) f8a5a84b-dc9b-4dab-ac2b-3d255af93191 Denmark (DK) ca7d45d8-fe72-41ce-af50-92639318b638 Germany (DE) 9f1b92ef-6563-4865-afb4-37f962d0b9ca Croatia (HR)

**Ordering**

Order Code US and Canada	XT3SE3250AFF000XXX
E-Number (Finland)	3641020
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 /	70 mm

Length	
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 <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	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 <sub>n</sub> )	250 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>s</sub> )	2500 A
Rated Insulation Voltage (U <sub>i</sub> )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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	(220 V AC) 85 kA (230 V AC) 85 kA

(I <sub>cu</sub> )	(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 <sub>u</sub> )	250 A
Rated Voltage (U <sub>r</sub> )	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

### 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

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## Categories

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

