



PRODUCT-DETAILS

XT3S 250 TMD 250-2500 4p F F InN=100%

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General Information	
Extended Product Type	XT3S 250 TMD 250-2500 4p F F InN=100%
Product ID	1SDA068232R1
EAN	8015644021382
Catalog Description	XT3S 250 TMD 250-2500 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3S 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2350

Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
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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	c828fac0-1414-4ea7-8f3d-594992e3a241 Italy (IT)
Simplified SCIP	6cd88a1b-5929-437d-910e-59262eae3a1f Germany (DE) 752434c0-4f70-40d4-8a0f-6d2398ed9c2d France (FR) 2adb0208-36f2-429a-9197-cf01a94de0d4 Sweden (SE) 9199193d-e35e-4a41-be85-13427af89e12 Germany (DE) 76d79ee8-d9f4-4d53-a165-14148cff449f Bulgaria (BG) 47cff470-b445-433b-b038-ceefe6964b04 Sweden (SE) 107ae197-bd49-4370-a9f1-1e59e21bcb56 Poland (PL) 1fdb4da6-7046-42e0-88e5-8bb14daba887 Germany (DE) 052565e0-aabd-40a2-8320-3df14b0e0a29 France (FR) f3525828-c110-4726-822f-b25a3dbc28ab Netherlands (NL) 04f436cf-5031-4ba9-a0e2-b8747ae3e091 Spain (ES) e585a0c8-d37a-4364-93e5-7675f80630b9 Netherlands (NL) 97275318-3257-4631-982d-a2a889a0d40c Poland (PL) 6220bfd3-9488-4cce-bf28-9b52a9d9adde Norway (NO) 37248719-bfa1-4f8a-99cc-7014f87c4888 Finland (FI) 470a33f1-d8c6-4708-b41c-87716a6fc286 Netherlands (NL) c417736f-9dd0-43dc-899f-d0664c66fcc7 Germany (DE) 4a187b67-a444-4749-92da-560c2d437ac4 Denmark (DK) ff499dbe-5f33-4579-9be0-e28d7e0d05ff Germany (DE) 51cb1d56-788d-4966-9a6e-a608cac4ed81 Croatia (HR) eaa7b318-21fd-451f-9e65-c3145955cf0d Czech Republic (CZ) d8f9f28f-e9dc-4245-a43b-1b6aae595674 Poland (PL) db3035d4-b67c-4457-8c7f-295c8b552f26 Netherlands (NL) 626f76cc-eaff-4acc-b9e5-bb34e2ff8a7f Netherlands (NL) 0e0e9958-80d6-482a-8055-460523312d48 Estonia (EE) a07c0a98-7547-4cfe-acaa-ac743f533e50 Greece (GR) e64abfa8-47e1-4b4b-92d4-df79dff3f877 Portugal (PT)

Ordering

Order Code US and Canada	XT3SE4250AFF000XXX
E-Number (Sweden)	3182426
EAN	8015644021382
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	2.18 kg
Package Level 1 EAN	8015644021382

Additional Information	
Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..192 mm²
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_s)	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) 42.5 kA (230 V AC) 42.5 kA (240 V AC) 42.5 kA (380 V AC) 27 kA (415 V AC) 27 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

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
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

