PRODUCT-DETAILS

XT3N 250 TMD 250-2500 4p F F InN=100%

XT3N 250 TMD 250-2500 4p F F InN=100%



Submitted by TECO Group

General Information

Extended Product Type	XT3N 250 TMD 250-2500 4p F F InN=100%
Product ID	1SDA068070R1
EAN	8015644019716
Catalog Description	XT3N 250 TMD 250-2500 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A FULLY RATED NEUTRAL

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
Extended Product Lifetime	Product Modularity

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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	4bf096d9-e0fb-41ce-9dab-01143bc6aed0 Italy
Simplified SCIP	f122247f-3237-4c76-972d-808b882f9788 Germany 1f6795c1-9452-48f9-9d9a-f30ef9077f03 Spain b2452708-7dc6-4407-9cd2-85d23e158939 Netherlands cd120aec-54c5-4212-b458-6ac579d978f8 Netherlands 2010a811-d716-409f-8aa2-8c7dbaa7435e Germany 1df91a01-99c8-4fd4-9dd0-fd8633acf4dc Sweden 90e4f520-59d4-4837-b216-33abd64db25b Denmark 36f60159-a0f7-43ae-82ce-c05caa318767 Germany 3622c1af-6fb2-4105-a42f-ff7cf0cdd098 Poland 17df639b-1ddf-4990-b85a-b611ac0056b8 Norway 5c33c800-07e4-4dc9-a45b-a654c38bdcca Finland 578c2271-385e-47d4-96c2-78f0b62cd407 Netherlands 42f5d41d-9472-4bcb-af56-b4f5f0adb9f9 Croatia 17225d7a-362a-4551-ba19-a94719ff5cbc Czech Republic ed0f2646-c591-4aa9-83ed-0341adcfcb9c Poland 0e3da230-1e90-44e5-810f-5ae4d4a053d7 Netherlands 91d082ac-941d-45ed-8bfd-30f694256596 Estonia 2b0f6517-2b81-4d17-9235-052143f7e69d Greece 230cead5-c984-438e-833a-fa9f9a190913 Portugal 734c1740-92a6-476b-8ab4-471386ae21a4 Bulgaria 9de1a02e-815c-4e49-b0ce-16ab721c88e0 Sweden fdc9bfb7-1a5d-4026-8b82-a30c8c268ca7 Poland 86a701a4-5c49-4380-8b8a-1b53639cfd80 France 07da6dbe-40d9-4768-8eae-6b1fc5ae9a5a Germany cb0986c3-7523-4eab-bacc-2d2b0ce88e8d Germany ccbae2bd-88cc-42e1-a604-4b09aaa05639 France f463799e-670e-49d3-8d9d-9d5d23697f1b Netherlands

Submitted by TECO Canada

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT3NE4250AFF000XXX
E-Number (Norway)	4309763
E-Number (Sweden)	3182424
EAN	8015644019716
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

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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	8015644019716

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	1SDH001295R0483

Submitted by TECO Group

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	4P
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	(220 V AC) 50 kA (230 V AC) 50 kA

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Capacity (I_{cs})	(240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 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) 2 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) 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

Submitted by TECO Group

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

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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





Submitted by ACO Group

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