PRODUCT-DETAILS

XT1B 160 TMD 125-1250 4p F F InN=50%

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General Information

Extended Product Type	XT1B 160 TMD 125-1250 4p F F InN=50%
Product ID	1SDA066819R1
EAN	8015644007263
Catalog Description	XT1B 160 TMD 125-1250 4p F F InN=50%
Long Description	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A NEUTRAL = 50% PHASES

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	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Extended Product Lifetime	Product Modularity
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

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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	181894a4-69ef-4895-a66a-25dd0eef5d9d Italy
Simplified SCIP	e427db7b-10bf-4025-b7ac-81c12f5ea1c7 Germany 4de8c36f-2cbb-4e8a-a8b4-2f475f189501 Netherlands 40136458-e14e-476e-8179-7ea32264365e Poland 6613de96-0b00-4191-b40f-0f4bcc795b24 Norway 6caa81af-d20d-499e-80ef-330da21b0df5 Finland f335879b-9cd2-4125-9222-7e706babd337 Netherlands 88e3ca0a-5644-4253-9d8f-8bd9d78bfe8b Germany 5d3cd608-24bc-42fc-900c-aed277a4834a Denmark e62f2b2a-4586-4e3b-b8c1-2a6912d19409 Germany 767991c0-f474-410b-a9b2-2ce8ee3290af Croatia 6e3ccc1e-5d7f-4ff2-a751-d17da170a7c7 Czech Republic ad3517c0-061e-4ff0-a6b2-237e948f1276 Poland 14cb9065-5ca5-4d49-b88b-1882425ce23e Netherlands 7cb4acd2-9714-4014-abee-36ab38d8da7b Netherlands ce0c3d9a-ab70-4dc4-9dec-6e585950628c Estonia 679052fd-3ccd-4ff9-9a43-70bee57b22ee Greece 98a310da-f88a-4cb6-8d20-142045dc2217 Portugal ee52d4f7-7a3b-46a5-9e3b-a4a407848a77 Bulgaria 8842217a-946c-48ee-9a1b-2e3ee9b99d2e Sweden 130ff520-5aa1-496a-8479-8755a05447c7 Poland 78ef2262-3bdc-41f4-b8b7-f303bb1aed8f France e3117c04-36cf-4309-b0aa-ad330acf7bd6 Sweden cda6b271-229e-405c-bb4f-9fa49d80f0fa Germany 3f7bb12f-3f0c-4fa1-ae78-06054dd9a486 Germany 15ccfe03-d457-4da9-9ec1-9ff6c5d4d960 France d631c483-9c97-4b94-9277-790736b5e721 Netherlands b1f65d4f-fb08-4e59-9a80-3339b41e8b98 Spain

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT1BEN125AFF000XXX
E-Number (Finland)	3640501
EAN	8015644007263
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	128 mm

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Package Level 1 Height	135 mm
Package Level 1 Depth / Length	143 mm
Package Level 1 Gross Weight	1.447 kg
Package Level 1 EAN	8015644007263

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	1SDH001295R0080

Technical

Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm²
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 10.7 W
Rated Current (I_n)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	1250 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) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA

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Rated Uninterrupted Current (I_u)	160 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	87.5...125 A
Short-Circuit Performance Level	B
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
GL Certificate	1SDL000163R0103
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000719R0100
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000719R0001

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

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