



PRODUCT-DETAILS

XT3N 250 TMD 125-1250 4p F F InN=100%

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General Information	
Extended Product Type	XT3N 250 TMD 125-1250 4p F F InN=100%
Product ID	1SDA068067R1
EAN	8015644019686
Catalog Description	XT3N 250 TMD 125-1250 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

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	c8709ec6-c4d5-48d4-a4f1-73b0ad28ff28 Italy (IT)
Simplified SCIP	c00ddc56-771e-4260-a104-77bce6b5ef40 Germany (DE) e8418463-21bb-4646-9320-317496bc77c7 Germany (DE) 8b2aa564-3ff3-4d7b-9a63-8777af9d8171 Sweden (SE) 11aa80b9-b8f0-483b-b0e5-34e86b71601f Germany (DE) 589e2b91-34a5-43ca-a9ec-b300f715fe70 Croatia (HR) 6b1e6e20-3667-44ea-89cc-104f2b85cc99 Poland (PL) 25e3beb3-26da-46d0-a5a9-1e990bcd7391 Norway (NO) 1267c7bc-342b-4233-ae3-31fc6dd15d17 Finland (FI) e39f64fb-f61b-42a5-bd0b-6cc09bac755c Netherlands (NL) 1def8801-a0df-4ecc-b285-1015470dc957 Germany (DE) 5153fd07-da34-4170-b9ad-78d1866b3bdb Netherlands (NL) efb87256-30dd-4295-9547-b8154b1e7303 Czech Republic (CZ) e5afe46d-afdc-46b1-ac91-c1c2e9720bdf Poland (PL) 5602b0a1-f2bd-4cc0-a7a5-b93548efcd46 Netherlands (NL) 499d83df-a2fa-4335-9a28-aaa392a0986f Estonia (EE) 45c1f002-9bef-4c95-8ec1-7cddb583b762 Greece (GR) e553b893-d96f-4839-b919-b8bf5e416ba4 Denmark (DK) 9db3e09e-7114-462a-9b18-bfe2839e19c0 Poland (PL) 2d906c04-e981-4fb1-848f-496a7922adab France (FR) fddb75b5-f3bf-4a9d-93d5-2e298720f640 Germany (DE) 834f078c-1cc5-4c3c-9a7a-9368526db7d2 France (FR) 6ce50e92-801f-4ffc-be0c-fbf2f533352b Netherlands (NL) 750bb180-e74a-4243-8bc9-1cb55d571613 Spain (ES) b585c2f4-04b8-4ba4-b860-02dec404a811 Netherlands (NL) 5c99b231-75ad-4ce9-be38-a2f334d46d99 Portugal (PT) 50d9662f-0e8c-4a77-b530-dd8df68e0856 Bulgaria (BG) 33fd8c79-e65f-4fe5-955b-4673557ad7e4 Sweden (SE)

Ordering

Order Code US and Canada	XT3NE4125AFF000XXX
EAN	8015644019686
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	140 mm
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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	2.1 kg
Package Level 1 EAN	8015644019686

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 6.6 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	125 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 _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) 37.5 kA (230 V AC) 37.5 kA (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 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) 3 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) 25 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
Recommended Screw Driver	Main Circuit M8
Release	TMD
Release Type	TM
Setting Range	87.5...125 A
Short-Circuit Performance Level	N
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

