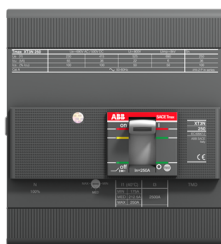




PRODUCT-DETAILS

XT3N 250 TMD 160-1600 4p F F InN=100%

XT3N 250 TMD 160-1600 4p F F InN=100%



General Information	
Extended Product Type	XT3N 250 TMD 160-1600 4p F F InN=100%
Product ID	1SDA068068R1
EAN	8015644019693
Catalog Description	XT3N 250 TMD 160-1600 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 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 %
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

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	e9843fe9-7d4b-4ff1-82b7-34f6ea409c25 Italy (IT)
Simplified SCIP	6e243e5b-a81a-48ab-b190-8c4e9d9dc1ac France (FR) e8de8e1b-d5fc-40bc-9e09-8ce639529c5e Belgium (BE) 162d19a2-e093-40be-a18e-6db97e9d8e48 Spain (ES) ee045469-a611-406b-b305-91ed9a992e3c Hungary (HU) 67b20f55-b3bc-4898-b331-4786df0dc320 Portugal (PT) 7395ed5d-aa33-4c5c-bf09-9920880e24ab Sweden (SE) 445e2deb-9cce-4592-9cab-f36d946d3020 Denmark (DK) 33827a46-58c0-46ee-b046-4bb830ca2cef Germany (DE) 044dc7f4-e805-4188-b17b-0de5216d3256 Croatia (HR) 1a5c1904-2893-4bde-ba05-646615c9ffd6 Germany (DE) f7e1485e-5b1e-40d9-8c47-754bc1a88b28 Germany (DE) 9439fd5a-3292-4167-b973-d5e1185c8b70 Czech Republic (CZ) 1b9b7d29-3c87-46e6-bbe5-8e606b9fc1c5 Germany (DE) 01599726-9475-47e4-9f1e-3fc5fa254232 Bulgaria (BG) b68d4646-2418-422d-a539-1bab8d2306ce Poland (PL) 09c2f2f4-5b23-44b1-81fb-6988b1143437 Poland (PL) e0b4d213-4cc4-4174-89f4-1a45291ea17c Belgium (BE) df6ee70c-1a1c-4244-9b1a-38cfbb39f819 France (FR) 98b8be5e-74c2-40ee-b4f1-1fcda1357f18 Germany (DE) 863fd0a2-1a0f-4978-a961-e2f0811af00e Greece (GR) 4419e8d4-9d4a-4098-a9cb-6e9f1f6412c4 Hungary (HU) d0cd4b8a-d058-46ce-9d6c-c3e0946206ee Poland (PL) 17ffd386-03f5-401d-b392-f6f150c771d9 Estonia (EE) 9f8d8728-8076-4baf-87e1-5ea6a60082dc Finland (FI) ad8de84b-69ac-40a4-bd01-6ab9f21b1302 Sweden (SE) 4f7c078b-ec45-4be4-b163-a9a07b76aea4 Netherlands (NL) 28be4e67-9b42-4461-a075-c0a4fc87573b Norway (NO)

Ordering

Order Code US and Canada	XT3NE4160AFF000XXX
E-Number (Sweden)	3182423
EAN	8015644019693
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	2.1 kg
Package Level 1 EAN	8015644019693

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

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	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 7.9 W
Rated Current (I _n)	160 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	1600 A
Rated Insulation Voltage	800 V

(U _i)	
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(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) 19 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) 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	112...160 A
Short-Circuit Performance Level	N
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
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

Categories

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

