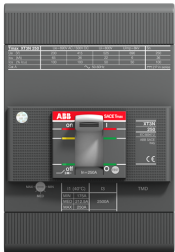




PRODUCT-DETAILS

XT3N 250 TMG 160-480 3p F F

XT3N 250 TMG 160-480 3p F F



General Information	
Extended Product Type	XT3N 250 TMG 160-480 3p F F
Product ID	1SDA068255R1
EAN	8015644021610
Catalog Description	XT3N 250 TMG 160-480 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 160-480 A

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	86c55913-ea43-43fb-93cc-3d3d97a3562f Italy (IT)
Simplified SCIP	902eb464-5402-42b7-8f4b-e9c336ac7d1d Germany (DE) 32a2bdec-aafb-443b-8655-8354d6cfc6e Poland (PL) 9c1126aa-dcd9-4032-a202-c3bb78b1b166 Norway (NO) b8932408-1b28-453f-8bc1-25d2cb3029e2 Finland (FI) 1e1a46aa-eff4-46f2-8c68-597b48761e3e Netherlands (NL) ffe6c31f-e2ad-44d8-bb5c-2e16e20e00ec Germany (DE) e74aed43-93c5-4a3c-a928-0cc031031bc3 Denmark (DK) c50eefd8-894d-4668-8a5b-1c3a6f5fc34f Germany (DE) 3362e57a-3009-4030-8e9b-51b31bd55e7c Croatia (HR) acd610d6-f29d-4504-bb21-057ced679ff0 Czech Republic (CZ) d69319f2-e921-494d-af50-a2a7356b106e Poland (PL) 57a26fa2-28e4-4732-aa3a-ba2baf1717f8 Netherlands (NL) 630b86a3-76a7-45d4-821a-555b3b9018b4 Netherlands (NL) 81695357-ac6a-4228-a01a-75a717112c49 Estonia (EE) 31379db5-5681-4262-a82a-97a8a651c639 Greece (GR) 65ec7561-f087-4697-9b8a-3897bf4b0a73 Germany (DE) e124bf57-f973-480b-9902-2d105053b816 France (FR) 0b949117-a37b-4d43-9a4b-cc3fba48312d Netherlands (NL) 2fced897-70be-4063-86ad-835354bd6788 Spain (ES) 170efff1-6292-40d2-bc21-c2596218b88e Netherlands (NL) 22da840d-f42e-4fbf-83fe-160a344b238a Portugal (PT) 43397c88-908e-4fdf-a903-f8ba31d50e7d Bulgaria (BG) 13cc3b65-0fc7-40e2-8063-f242b0383f44 Sweden (SE) ad80e5f5-7a0d-423a-893a-9e2daf5c05cd Poland (PL) 2e2add87-6aa5-44bd-b235-f059cb95524e France (FR) 05c4f95a-7842-4827-ab7e-64eab411eae0 Sweden (SE) 479734ad-ae70-4a85-8c7a-e0364c23399d Germany (DE)

Ordering

Order Code US and Canada	XT3NE3160NFF000XXX
EAN	8015644021610
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
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Product Net Height	150 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.7 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	1.7 kg
Package Level 1 EAN	8015644021610

Additional Information

Circuit Breaker Type to be Associated	Generator Protection
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	3
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	160 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)	480 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	TMG
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
Version	F
CAD Dimensional Drawing	1SDH001295R0409

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 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

