



PRODUCT-DETAILS

XT2N 160 TMG 160-480 3p F F

XT2N 160 TMG 160-480 3p F F



General Information	
Extended Product Type	XT2N 160 TMG 160-480 3p F F
Product ID	1SDA067726R1
EAN	8015644016227
Catalog Description	XT2N 160 TMG 160-480 3p F F
Long Description	C.BREAKER TMGX XT2N 160 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 - 55.70 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2348
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	9AKK108469A1856
	9AKK108468A1891

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	18db3061-d36f-4ab2-ba81-19d83161b655 Italy (IT)
Simplified SCIP	d237d9cf-46b4-4c60-aba8-c1e3e2841ad9 Germany (DE) 4dd6f3f0-0a21-4efa-9890-171ca8ae6593 Netherlands (NL) ce08358e-6af6-446c-b6f8-0e26c8f0a10f Bulgaria (BG) f64ed802-a21c-45b3-8964-0d402704ddab Sweden (SE) de8826f0-1f19-4153-b46f-31338fd6fd64 Poland (PL) e1028c4f-6397-4982-b3e1-a52ed12a7355 France (FR) 4ce9f287-07a1-41fe-ad4f-c7db53f3f61a Sweden (SE) 479a205a-de9d-46be-95e6-e7425563c34e Poland (PL) 71b4bed1-0a22-48f9-91e8-873e234e02c2 Norway (NO) 140124ef-b104-48f9-8192-6d4ea9a04a27 Finland (FI) 8087a34e-e173-4c67-a78a-b2fcb736aa45 Netherlands (NL) e45a844f-302d-4fbf-a6fe-98e478fb0951 Germany (DE) c21c1b29-e4a8-47b3-97d7-b212daba96a6 Netherlands (NL) a59fcb61-75f4-4289-9f52-75620c988e29 Netherlands (NL) 01d12420-56f0-49e9-8c90-6d59c4c450d3 Estonia (EE) 3ab77339-b9f0-45e7-93f6-684b00d0c730 Greece (GR) 2a64464c-ee74-4f9b-858b-e0fa3b66580d Portugal (PT) 73e796d6-7932-40c3-9b6c-022d01998cc7 Denmark (DK) 686a326e-e76d-4620-afcf-bf62bda020d7 Germany (DE) 50fe8fca-7449-477b-acc4-b743524e1478 Croatia (HR) 513da370-a428-4858-bc86-1ab1227ee463 Czech Republic (CZ) 53802aad-e83f-4b70-aa7c-939c7c3f247a Poland (PL) aa5dd870-c0bf-4ea3-bf49-94a9ee8a1ed9 Germany (DE) bb03b43e-7382-4a34-90c9-fc699b923b37 Germany (DE) 143b2658-8845-483a-abba-85e2216aea3c France (FR) 623e2a1d-00e8-46ac-b754-a5615e041eaa Netherlands (NL) f19ba4b6-a8e0-4f86-869f-27fd1b3d7c41 Spain (ES)

Ordering

Order Code US and Canada	XT2NE3160NFF000XXX
EAN	8015644016227
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm
-------------------	-------

Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	1.654 kg
Package Level 1 EAN	8015644016227

Additional Information

Circuit Breaker Type to be Associated	Generator Protection
Connecting Capacity Main Circuit	Busbar 32.5..100 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 16.15 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)	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 65 kA
	(230 V AC) 65 kA
	(240 V AC) 65 kA
	(380 V AC) 36 kA
	(415 V AC) 36 kA
	(440 V AC) 36 kA
	(500 V AC) 30 kA
	(525 V AC) 20 kA
	(690 V AC) 10 kA
	(250 V DC) 2 Poles in Series 36 kA
	(500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMG
Release Type	TM
Setting Range	112...160 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1001

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206
	1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001

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

