



PRODUCT-DETAILS

XT1C 160 TMD 16-450 3p F F

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General Information	
Extended Product Type	XT1C 160 TMD 16-450 3p F F
Product ID	1SDA080825R1
EAN	8015644873431
Catalog Description	XT1C 160 TMD 16-450 3p F F
Long Description	C.BREAKER TMAX XT1C 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 16-450 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2347

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	9AKK108468A1890 9AKK108468A7793
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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	70b73566-5c09-4f10-b2cc-0fd8af696d3a Italy (IT)
Simplified SCIP	0854b93e-16c6-4f92-bd09-4a09b4fb0c3a Poland (PL) 68a4831e-82d5-4552-963e-dec827e5e579 Germany (DE) 62a8b299-f370-4478-8845-b6894507f841 Finland (FI) b9dc148c-dc99-469a-9472-2e566b8289ba France (FR) 6dac1336-68d7-4fd2-8eb3-8ae756914377 Germany (DE) aec0f004-1140-4faa-a475-7851f966fb9f Greece (GR) 4f27df03-cb73-40a1-a852-cb838325cbef Estonia (EE) b0e3d288-2ffb-4c7e-a7df-ea04f1575068 Netherlands (NL) ede9ed39-fa88-427a-99bc-5aec1d73328c France (FR) dac09b8c-37d9-467a-9273-32d07bbd122f Spain (ES) 91070ec8-7e90-4fc5-aa52-f747f90ca432 Hungary (HU) d11e8361-6579-45c0-8e6d-54166c2ab4cf Germany (DE) 21c4f589-17f2-45e3-83f2-78b7ac25dff0 Germany (DE) db586589-5dab-4ca0-89a2-ee5ab613b135 Hungary (HU) 03e9c449-ca09-4ae3-b430-15f8e93fbcce Poland (PL) e16418e3-f7dc-408f-84d1-a97965447940 Sweden (SE) 5e1f8532-b10e-4e05-93b1-6689e00a134a Sweden (SE) dde3433c-87d2-4bbc-922e-844673dbce2d Poland (PL) 167f9b68-d46d-418a-8115-eff1b281bf84 Bulgaria (BG) 3ed4a088-6cfe-49d6-8bcc-b57f603440d2 Portugal (PT) e75d34d0-b69b-4264-9aa6-c69c2854fec6 Czech Republic (CZ) 23dcc95d-4c30-4d0a-8d85-663bb470c6f8 Denmark (DK) 9bd98cf6-0957-4aaa-9b0c-97fd1dfc3bf2 Germany (DE) c2c81bf2-7c19-4867-a189-93eebb70cdeb Croatia (HR) ea70dde0-7955-48fc-b76e-7537599cde43 Belgium (BE) a6bd1835-7000-4145-af26-9ddc74d06c47 Norway (NO) c81b564d-bd62-4c85-81e1-fbad61b3fdb9 Belgium (BE)

Ordering

Order Code US and Canada	XT1CE3016AFF000XXX
E-Number (Finland)	3638771
EAN	8015644873431
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	128 mm
Package Level 1 Height	135 mm
Package Level 1 Depth / Length	143 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	8015644873431

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	16 A
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_t)	450 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) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I_u)	160 A
Release	TMD
Release Type	TM
Setting Range	11.2...16 A
Short-Circuit Performance	C

Level	
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH001295R0008

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000719R0001

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
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

