



PRODUCT-DETAILS

XT1C 160 TMD 160-1600 4p F F InN=50%

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General Information	
Extended Product Type	XT1C 160 TMD 160-1600 4p F F InN=50%
Product ID	1SDA067408R1
EAN	8015644013028
Catalog Description	XT1C 160 TMD 160-1600 4p F F InN=50%
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A NEUTRAL = 50% PHASES

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	9AKK108467A5658

(CMRT)

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	a3d05883-9ebe-40a7-9dc7-463ca2c390fb Italy (IT)
Simplified SCIP	8c8d64fd-d56d-4d06-ab34-0c9d4cebe336 Germany (DE) e8359589-dd74-4097-9513-d28183829fa2 Netherlands (NL) 998b4f9c-253e-4ce3-9ebe-96418c29dc93 Spain (ES) 8a08b254-8ea8-4913-9af9-4e988d46cc02 Netherlands (NL) c81e7525-4d92-4ab5-8020-61debb4473f2 Greece (GR) bf68dc18-423c-4d3d-988a-303877164859 Poland (PL) 13fd83d3-a734-4480-80e9-f1a6e13bf39c Norway (NO) 208bf1f1-6ce5-451e-ae76-33a3d72066ce Finland (FI) 3721a7ec-6832-4072-b085-0da076caf4b5 Netherlands (NL) 8d81aff3-24b6-43a2-98e5-168b2efde39b Germany (DE) 6df0342c-f01a-4393-a0fb-ef67c10b9102 Denmark (DK) 3f4438fb-9939-4571-9bd8-b086c4ba014b Germany (DE) e64950da-3fb4-41fd-b76a-04225b942f93 Croatia (HR) ed1a8410-0107-4432-8b54-061a8d381e6a Czech Republic (CZ) 79bd0e81-61fb-49b8-b2e6-ab5c8376b80d Poland (PL) a181be70-1ffd-48c1-8cd3-497a5c9d032b Netherlands (NL) 158d8721-efd1-4f62-bb72-ccb7575c08ad Netherlands (NL) 21bb78f5-2000-4aa9-8d4c-a6075cdcd1fa Estonia (EE) 7240969c-88cf-4ad8-91a4-12a0fd5dc5d9 Portugal (PT) 4ffa45cc-0d1a-4ce5-a785-0a979dde881e Germany (DE) 6a40eacb-17ed-4a24-9242-bbc295d338a5 Germany (DE) 50023ce6-3d95-4ad4-9288-115227be92ab France (FR) 7240969c-88cf-4ad8-91a4-12a0fd5dc5d9 Portugal (PT) d9d3e96f-8dad-4404-b9af-58436248d520 Bulgaria (BG) ee9762c8-f4f0-40eb-a156-fb912bb4f712 Sweden (SE) 976df1a7-e48c-412b-88db-bb7ca712e0fd Poland (PL) 98de693a-104a-4b91-b746-74166febd900 France (FR) cf8851b4-b83c-479b-9b69-418200fa7b67 Sweden (SE) 13fd83d3-a734-4480-80e9-f1a6e13bf39c Norway (NO) 208bf1f1-6ce5-451e-ae76-33a3d72066ce Finland (FI) 3721a7ec-6832-4072-b085-0da076caf4b5 Netherlands (NL) 8d81aff3-24b6-43a2-98e5-168b2efde39b Germany (DE) 6df0342c-f01a-4393-a0fb-ef67c10b9102 Denmark (DK) 3f4438fb-9939-4571-9bd8-b086c4ba014b Germany (DE) e64950da-3fb4-41fd-b76a-04225b942f93 Croatia (HR) ed1a8410-0107-4432-8b54-061a8d381e6a Czech Republic (CZ) 79bd0e81-61fb-49b8-b2e6-ab5c8376b80d Poland (PL) a181be70-1ffd-48c1-8cd3-497a5c9d032b Netherlands (NL) 158d8721-efd1-4f62-bb72-ccb7575c08ad Netherlands (NL) 21bb78f5-2000-4aa9-8d4c-a6075cdcd1fa Estonia (EE) c81e7525-4d92-4ab5-8020-61debb4473f2 Greece (GR) d9d3e96f-8dad-4404-b9af-58436248d520 Bulgaria (BG) ee9762c8-f4f0-40eb-a156-fb912bb4f712 Sweden (SE) 8a08b254-8ea8-4913-9af9-4e988d46cc02 Netherlands (NL) 976df1a7-e48c-412b-88db-bb7ca712e0fd Poland (PL)

98de693a-104a-4b91-b746-74166febd900 France (FR)
cf8851b4-b83c-479b-9b69-418200fa7b67 Sweden (SE)
4ffa45cc-0d1a-4ce5-a785-0a979dde881e Germany (DE)
6a40eacb-17ed-4a24-9242-bbc295d338a5 Germany (DE)
50023ce6-3d95-4ad4-9288-115227be92ab France (FR)
e8359589-dd74-4097-9513-d28183829fa2 Netherlands (NL)
998b4f9c-253e-4ce3-9ebe-96418c29dc93 Spain (ES)
bf68dc18-423c-4d3d-988a-303877164859 Poland (PL)

Ordering

Order Code US and Canada	XT1CEN160AFF000XXX
E-Number (Finland)	3640512
EAN	8015644013028
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.4 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	1.442 kg
Package Level 1 EAN	8015644013028

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 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 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)	1600 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
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	112...160 A
Short-Circuit Performance Level	C
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N.m
Version	F
CAD Dimensional Drawing	1SDH001295R0080

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532

GL Certificate	1SDL000163R0103
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000719R0100
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
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

