PRODUCT-DETAILS

XT1C 160 TMD 160-1600 4p F F InN=100%

XT1C 160 TMD 160-1600 4p F F InN=100%



Submitted by TECO Group

General Information

Extended Product Type	XT1C 160 TMD 160-1600 4p F F InN=100%
Product ID	1SDA067410R1
EAN	8015644013042
Catalog Description	XT1C 160 TMD 160-1600 4p F F InN=100%
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A FULLY RATED NEUTRAL

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

© 2025 ABB. All rights reserved.

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	b3a6e17d-8853-4b28-96d6-13ac4a29e0af Italy
Simplified SCIP	e4ed785f-3095-4d3c-b8a8-3d1f751265d4 Germany 64316cdd-7ef1-48e6-8210-8cd7634e6115 Poland ddf5c063-a647-4dfc-8837-7781de6c5035 France 0cbd6a1f-8fbe-4ce7-b86c-d905abce4e78 Sweden 46fc09a7-c01c-4a86-8c86-1e15db9ddddd Greece 4d2c1e03-1026-4a24-a714-ba61c1b1aeee Portugal 573806cd-5dc7-4a36-b2c9-3af14e648b64 Bulgaria f2cec4b9-6375-4b09-a143-cbfcc2ccd71e Sweden 74afcc10-c8eb-4b64-826f-c6e09a31053c Norway 87552666-a6c6-4548-a8e5-40917c1b57dc Finland 249250e9-16fb-4336-840d-3ddc106220b0 Netherlands 4a1567df-fca8-4001-a5f2-636daa499d03 Germany 3bd810fd-8f98-4a28-a7a5-d48686d3b52f Denmark 1089ac8c-be20-4529-88f1-e56272ee5745 Germany 9f570cc2-9e42-4bc1-a196-c64493922610 Croatia 9ca7775f-04be-4da1-95fd-8425bed150ad Czech Republic d9af99e0-6e58-4be1-b105-7d6331de21e1 Poland cc8e596f-2606-4b6a-9f71-e1624c107c2a Netherlands 02115938-fed4-4469-bc5b-6f21ac2250c7 Netherlands 56e9af4f-b0db-42d7-8296-ae9b206e45bd Estonia 4d2c1e03-1026-4a24-a714-ba61c1b1aeee Portugal 4e4b3496-d89c-46fc-b3d7-7c3014c9ae11 Germany 04bf539e-4478-4a6d-b752-29b131601c1a Germany 5002da91-49cf-4761-8f5b-0ab42e5e7bdc France 12f6c623-68ef-4936-b8a9-228e974c7950 Netherlands 11f40390-af61-4605-91a7-7be6ad1a47a4 Spain 5e4194ae-657e-453f-bdf9-c3df7d1918b0 Netherlands 46fc09a7-c01c-4a86-8c86-1e15db9ddddd Greece 573806cd-5dc7-4a36-b2c9-3af14e648b64 Bulgaria f2cec4b9-6375-4b09-a143-cbfcc2ccd71e Sweden 5e4194ae-657e-453f-bdf9-c3df7d1918b0 Netherlands 64316cdd-7ef1-48e6-8210-8cd7634e6115 Poland ddf5c063-a647-4dfc-8837-7781de6c5035 France 0cbd6a1f-8fbe-4ce7-b86c-d905abce4e78 Sweden 4e4b3496-d89c-46fc-b3d7-7c3014c9ae11 Germany 04bf539e-4478-4a6d-b752-29b131601c1a Germany 5002da91-49cf-4761-8f5b-0ab42e5e7bdc France 12f6c623-68ef-4936-b8a9-228e974c7950 Netherlands 11f40390-af61-4605-91a7-7be6ad1a47a4 Spain ff3838eb-1489-4dd2-b38a-8d6e6fb45332 Poland 74afcc10-c8eb-4b64-826f-c6e09a31053c Norway 87552666-a6c6-4548-a8e5-40917c1b57dc Finland 249250e9-16fb-4336-840d-3ddc106220b0 Netherlands 4a1567df-fca8-4001-a5f2-636daa499d03 Germany 3bd810fd-8f98-4a28-a7a5-d48686d3b52f Denmark 1089ac8c-be20-4529-88f1-e56272ee5745 Germany 9f570cc2-9e42-4bc1-a196-c64493922610 Croatia 9ca7775f-04be-4da1-95fd-8425bed150ad Czech Republic d9af99e0-6e58-4be1-b105-7d6331de21e1 Poland cc8e596f-2606-4b6a-9f71-e1624c107c2a Netherlands 02115938-fed4-4469-bc5b-6f21ac2250c7 Netherlands 56e9af4f-b0db-42d7-8296-ae9b206e45bd Estonia ff3838eb-1489-4dd2-b38a-8d6e6fb45332 Poland

Submitted by TEO Brasil

© 2025 ABB. All rights reserved.

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT1CE4160AFF000XXX
E-Number (Norway)	4309719
EAN	8015644013042
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	1.454 kg
Package Level 1 EAN	8015644013042

Submitted by TECO Group

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	1SDH001295R0080

Technical

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	4P

© 2025 ABB. All rights reserved.

Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 15 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 (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
Rated Voltage (U_r)	690 V
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

Submitted by TECO Group

Certificates and Declarations

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

© 2025 ABB. All rights reserved.

Conformity - CE	
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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

Submitted by TECO Group

Categories

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





© 2025 ABB. All rights reserved.