



PRODUCT-DETAILS

XT1C 160 TMD 160-1600 3p F F

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General Information	
Extended Product Type	XT1C 160 TMD 160-1600 3p F F
Product ID	1SDA067399R1
EAN	8015644012939
Catalog Description	XT1C 160 TMD 160-1600 3p F F
Long Description	C.BREAKER TMAX XT1C 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A

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 %

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	Od8bc7a2-0b2f-4c4e-b0d2-ae3184d07c12 Italy
Simplified SCIP	2d38a763-4edd-4ec0-852e-8a7e7d01b167 Germany ab107f86-ac30-4f6a-a6bf-c4d8c77a0fd2 France 4ce86c8a-88a3-4668-b9fe-6d159b3b770c Poland 2b6d4e8f-9999-4183-a923-afbb4bdcec78 Finland 1b141b21-8bef-4f72-8f3e-ddd51c5ec259 Norway 974eeae4-e997-42f0-aa0d-58883071678c Netherlands c0df14b2-ce11-4e19-a2d5-72e2790aa9cc Netherlands b756e454-2ef3-4dc7-99e0-091b44577511 Germany 99c1470b-f1a5-48b0-8949-840c4be74894 Denmark e16d074d-620a-4ea1-8227-b05dc2e7d098 Germany dfb95055-9cf7-4ec6-b0e7-801c62ca7cc8 Croatia 9fc57840-b252-4713-8387-c3b5c39c2768 Czech Republic 56162500-c94b-403f-a284-3e358af29456 Netherlands 82077ecd-9e46-4ba5-85c7-22fd9245ee2d Netherlands df47e79a-6de1-4aa8-83e4-3b4ebc60686b Estonia 91ca0d03-e2ae-40be-88e0-e06a7b181f24 Greece 21de00c2-cdbb-4cc5-a139-d1e3d26dffcb Portugal 91902059-0a7b-46c8-9eda-6bb7beb04a2b Bulgaria 83cedd21-6566-49aa-bd8f-fa5be6b586dd Sweden 4f0c602c-433f-4412-8704-722fe1de2a92 Poland 1b963a22-3a58-43d0-94c5-819ab7622567 France 5489a759-29a8-46b8-a5c0-42d61d45ed5d Sweden b8e985c9-c29a-4e6d-a0f0-f79c981441a9 Germany 0a6e7309-6bb1-4725-9934-8c06601b79c0 Germany 3daf304a-39bc-447c-a8cd-0e009652dae7 Spain 4a0eb37f-875b-48f5-ad3a-e2fe91f042c6 Netherlands c8b2a3ef-2fdc-48b9-9068-d7b46a9d3213 Poland

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1CE3160AFF000XXX
E-Number (Finland)	3638779
E-Number (Norway)	4309619
EAN	8015644012939
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth /	70 mm

Length	
Product Net Weight	1.1 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	1.128 kg
Package Level 1 EAN	8015644012939

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	1SDH001295R0008

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	3P
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

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

External Classifications and Standards

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

