

PRODUCT-DETAILS

XT2H 160 TMD 12,5-125 3p F F

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General Information	
Extended Product Type	XT2H 160 TMD 12,5-125 3p F F
Product ID	1SDA067593R1
EAN	8015644014896
Catalog Description	XT2H 160 TMD 12,5-125 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 12,5-125 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
Principles Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2348
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target	
Toxic Substances	9AKK108467A8326
Control Act - TSCA	

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1891
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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	6ef02f8d-44d7-4a1d-85c0-bb5509f53cf1 Italy (IT)
Simplified SCIP	940d1827-474e-407d-82ef-d9526848d051 Sweden (SE) 984ef8a3-ece6-4420-ad3e-936bc479f67e Poland (PL) 7147f31a-3dd4-4342-a2ab-bb704fffc53d France (FR) 72b319fd-48e3-4d39-bcae-9e16277d20a7 Sweden (SE) 211d7250-c198-476b-ba75-e0c9cf4b0040 Poland (PL) fbb83dae-37fb-46a2-b0f7-1d143814451d Germany (DE) 6d2894d3-08e1-4f5d-a8a6-df20a66f5e7a France (FR) 090a44ff-a567-41e4-979f-1f83141daab6 Netherlands (NL) ff302c37-eb4e-4e05-a8e6-d7318392e68a Spain (ES) eaf40900-4ad5-4242-8a43-c76a3bfff928 Netherlands (NL) 4a424d8e-8625-4216-b14c-594d8f212917 Bulgaria (BG) 5fa9c084-d5d1-4e17-a794-9c7d71470bc6 Norway (NO) eb0f35df-eb40-48e7-8b80-1e6f82a6018c Finland (FI) d00d21eb-4bc4-4f0e-9f99-651a21e29eb5 Netherlands (NL) a6543064-dcd8-42c8-bed2-d14d8feefc67 Germany (DE) 0b51511e-3e45-41a4-8081-3df847fd42a2 Denmark (DK) 2fab6abc-dbcc-4da4-a1d2-b0cafaea4832 Netherlands (NL) 7f7b3c78-b246-4ca1-9ed8-163d895aa242 Netherlands (NL) 75a9654c-0192-4a7e-9064-d3f5457be6dc Estonia (EE) 2a77e16b-387e-4d11-9854-5c4bd56d5907 Greece (GR) a131d7c6-1809-473e-9bce-7a9ba963040f Portugal (PT) 194c878e-e241-4878-964b-ee7933095491 Germany (DE) 3d319e43-b151-4a91-ad1e-7c9d39e6eea1 Croatia (HR) 80e02284-94ce-43e3-9de4-d09d9f891fc0 Czech Republic (CZ) c43cd84c-b24d-4e73-b307-71d159f63dd5 Poland (PL) e198ffff-9a2c-402f-93a8-9947c0666c22 Germany (DE)

Ordering

Order Code US and Canada	XT2HE3013AFF000XXX
EAN	8015644014896
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	1.1 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.2 kg
Package Level 1 EAN	8015644014896

## Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 32.5..100 mm <sup>2</sup>
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 1.05 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current ( $I_n$ )	12.5 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 ( $I_i$ )	125 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) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA

	(440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	8.75...12.5 A
Short-Circuit Performance Level	H
Standards	IEC
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

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## Categories

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

