

PRODUCT-DETAILS

**XT2H 160 MF 8,5 Im=120 3p F F**

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**General Information**

Extended Product Type	XT2H 160 MF 8,5 Im=120 3p F F
Product ID	1SDA067773R1
EAN	8015644016692
Catalog Description	XT2H 160 MF 8,5 Im=120 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MF lu 8,5 A I3=120 A

**ABB EcoSolutions**

ABB EcoSolutions	Yes
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
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 Control Act - TSCA	9AKK108467A8326

### 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	afdb0039-93cd-4f18-9e0c-6f67aee97d39 Italy (IT)
Simplified SCIP	<p>9602d867-7222-46ac-967c-df9fbb8693fc Norway (NO)</p> <p>54f7b842-e410-4b9e-9f72-f0ba991e5f4b Finland (FI)</p> <p>f276ab25-3001-4ae9-9c56-2443adfb77ae France (FR)</p> <p>eb474ee5-4211-4d32-baea-91c834bd697f Netherlands (NL)</p> <p>95521afe-f3b5-4b29-8477-2e4529ee48b1 Spain (ES)</p> <p>7c32f442-fbaa-4202-b600-61d7fc796c71 Netherlands (NL)</p> <p>c868e4b5-9316-4f07-814d-91223b342d79 Bulgaria (BG)</p> <p>45a77212-9c9a-4ce8-ad63-d1a639aaae59 Sweden (SE)</p> <p>474612a3-b7e1-40e1-a720-da1a198bacd2 Poland (PL)</p> <p>59db77ac-618b-47ab-800a-02bfaf1da8ba France (FR)</p> <p>93be2516-88c4-4fbc-ad12-b4e1e5209bf5 Sweden (SE)</p> <p>1339624f-0675-4bf9-aadd-99b7e25f8389 Poland (PL)</p> <p>f9fb075c-b48f-45b3-bb78-7540efcfd883 Germany (DE)</p> <p>487dd262-6556-41a6-ba31-276b763b4d8f Croatia (HR)</p> <p>44525e92-a915-42dc-8a35-384fd4f8ffbf Czech Republic (CZ)</p> <p>39c64dcc-5ae6-4338-9b27-034ad5e01ae3 Poland (PL)</p> <p>e4198f20-05d9-4826-b6c5-6eec9d66d8a5 Netherlands (NL)</p> <p>5f136e26-8f32-4abc-a52d-f744ff770d6a Germany (DE)</p> <p>9de4a76a-2c42-4abf-844c-da94cfc85d37 Germany (DE)</p> <p>7d63820e-dceb-4623-93db-01d02ebadd00 Netherlands (NL)</p> <p>17ce48d6-892e-4455-abff-cb5db1150e7c Germany (DE)</p> <p>0c8c8f06-56ad-4f21-bdf3-a35a3acdf798 Denmark (DK)</p> <p>5a1320ef-cfb2-4bce-983d-9674a23c8a0a Netherlands (NL)</p> <p>c9cae246-d439-4423-9b61-72651086d844 Estonia (EE)</p> <p>da071219-62cd-40e8-a5b6-c82a96dfc8f4 Greece (GR)</p> <p>54573e89-9e20-40dd-b06e-f483c4a977c0 Portugal (PT)</p>

### Ordering

Order Code US and Canada	XT2HE3009IFF000XXX
EAN	8015644016692
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	8015644016692

### Additional Information

Circuit Breaker Type to be Associated	Motor Protection
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 2.9 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	8.5 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	120 A
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cu</sub> )	(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	MF
Release Type	M
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
IDEA Granular Category Code (IGCC)	4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers
Object Classification Code	Q
UNSPSC	39121616
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

