PRODUCT-DETAILS

XT2S 160 MF 2 Im=28 3p F F

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General Information

Extended Product Type	XT2S 160 MF 2 Im=28 3p F F
Product ID	1SDA067761R1
EAN	8015644016579
Catalog Description	XT2S 160 MF 2 Im=28 3p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MF Iu 2 A I3=28 A

ABB EcoSolutions

ABB EcoSolutions	Yes

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Conflict Minerals Reporting Template	9AKK108467A5658

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(CMRT)	
End of Life Instructions	9AKK108468A2348
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	9AKK108469A1856 9AKK108468A1891

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	c97eec5a-6330-492f-890d-c88c3cfe08ac Italy (IT)
Simplified SCIP	1e49da01-f3c5-4983-aa15-9aa794c837d5 Belgium (BE) 20626767-1bfd-4126-8c8c-c62fa99ca160 Norway (NO) acb77c16-49e8-472f-8164-e111dec3a0dd Netherlands (NL) 9c4cefc3-237a-4da3-a263-5ae5bfda1be1 Estonia (EE) 61b7db0b-3de8-4370-89e1-483f70b111cb France (FR) 65c4428a-eb94-49b0-9683-3a7de8b33e78 Germany (DE) fc45a104-815a-4ae1-8019-17b27867ae59 Germany (DE) f6dd832e-82c3-4e73-b002-3192f96e5332 Hungary (HU) aea86e61-2b23-4e38-ab3b-b607b42dc355 Spain (ES) db8266e5-09b0-4731-b536-4b23533fb6ae Poland (PL) 9f133c37-7daf-4151-873b-d8776684787f Poland (PL) 629731d1-cb8e-4279-8d29-f4e16523b05a Hungary (HU) be88e0a1-8b42-499d-9a55-e45c55849887 Sweden (SE) ce7d9eb7-ae5f-4553-bd1f-ad06821be237 France (FR) 70ba5e2e-c50f-4ad6-8f85-5466bd559956 Sweden (SE) 276034ba-ab87-4e32-b138-45ccee222686 Germany (DE) 3b5445ff-f6f5-4650-8b26-910b8ed724c6 Denmark (DK) 40e97f7d-f18f-40c1-a242-cd361ef84c8d Germany (DE) aa147dfd-073d-45a9-8561-f9d74846a2e5 Croatia (HR) 7df9759b-e7b4-4bdf-9de2-8f67316a3878 Czech Republic (CZ) 6d136e0a-a554-451b-a6b3-c91e3c703448 Portugal (PT) ecf7d17e-e467-4e53-8d24-98d8dbb4d6dc Bulgaria (BG) ce112051-4bcf-443f-b35d-ceeb2053a111 Greece (GR) e763b4bb-2ad5-4c10-9867-8c6b174ca575 Belgium (BE) 0f3f5717-e008-43b3-bf62-d0c5706f5ecf Finland (FI) 506109b6-a159-4d4e-b910-4b967e736bd1 Germany (DE) 42d686c9-1f81-415b-a02a-017a77175550 Poland (PL)

Ordering

Order Code US and Canada	XT2SE3002IFF000XXX
EAN	8015644016579
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm

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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	8015644016579

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
Connecting Capacity Main Circuit	Busbar 32.5..100 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	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 2.38 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	2 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)	28 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) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA

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Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I_u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	MF
Release Type	M
Short-Circuit Performance Level	S
Standards	IEC60947-2
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)

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eClass V11.1 : 27370409

Categories

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





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