

PRODUCT-DETAILS

XT2H 160 MF 4 Im=56 3p F F

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General Information	
Extended Product Type	XT2H 160 MF 4 Im=56 3p F F
Product ID	1SDA067772R1
EAN	8015644016685
Catalog Description	XT2H 160 MF 4 Im=56 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MF Iu 4 A I3=56 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	1dc6a310-6934-476b-ae7a-01b553ee10d7 Italy (IT)
Simplified SCIP	3cd79016-6880-4817-b905-22b27da51a7b Norway (NO) ce5c0b30-b450-41f7-9e3c-f797fbcc4e0f Finland (FI) 8138b894-2275-4f75-aea0-788692633ae4 Netherlands (NL) 167fbffc-d583-4678-80fb-f2a3f561bb55 Germany (DE) 7e27380c-1124-4757-b1ca-3dc6ee0e0167 Denmark (DK) 0d83fee6-422d-4f7d-aab7-a270475a6133 Netherlands (NL) 5074dc7d-a027-4bf1-ab29-79cdad30e2ba Estonia (EE) 3048c939-bebd-4f89-b699-405f936911b6 Greece (GR) 50ae6e64-aba8-43ff-9b0c-012c6c825b45 Portugal (PT) 3767c8b5-41e3-4344-9088-63cd289d917d Germany (DE) 3d89592a-4b88-44b7-bd10-b42d18bdf22b Croatia (HR) 9f3ae016-d11f-4123-9fcf-947a068b61e8 Czech Republic (CZ) 02f02af5-313a-47d7-ad3a-969e3a297b73 Poland (PL) d5d65095-176f-4371-a94d-70965c023fa0 Netherlands (NL) fe926dee-797c-4de9-93f9-35eaf8cdbc1b Germany (DE) 7fbfff19-137f-4d24-a55c-9dec628964e2 Germany (DE) e759723d-3556-44b3-97f5-a710ad318838 France (FR) 9f058dfd-37cf-4f41-ac3b-a7ae82ff9608 Netherlands (NL) c920c74b-4e01-4252-892e-d792ad087a04 Spain (ES) efea1de7-c2e5-4722-b76e-34c1b59020ee Netherlands (NL) f7262375-560e-4dd3-ab4f-c18e65fc8701 Bulgaria (BG) 1fb7e3d4-acea-4ca2-bdfd-e196e300615a Sweden (SE) af855937-55e1-4436-84bd-87d3ead6da3f Poland (PL) e979ace9-8c22-4611-9f6b-a6030833163c France (FR) e64c283b-002a-458b-95dc-fc12ca10ec9a Sweden (SE) 35783688-f423-4221-9dd6-59accedd38f Poland (PL)

Ordering

Order Code US and Canada	XT2HE3004IFF000XXX
EAN	8015644016685
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	8015644016685

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 2.47 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	4 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)	56 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 _u)	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 eClass	5. Small Equipment (No External Dimension More Than 50 cm) V11.1 : 27370409

Categories

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

