



PRODUCT-DETAILS

XT2H 160 TMD 10-100 3p F F

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General Information	
Extended Product Type	XT2H 160 TMD 10-100 3p F F
Product ID	1SDA067592R1
EAN	8015644014889
Catalog Description	XT2H 160 TMD 10-100 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 10-100 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

(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	c22196a0-44f2-434b-9b84-a46b82990e7c Italy (IT)
Simplified SCIP	b8128572-784a-422b-b1ad-08ce878ea792 Germany (DE) 9d9ec041-1e11-4537-a4a1-57fac441dd18 Poland (PL) a0f5e33e-67fa-47f6-ae5e-79e0811a5495 Norway (NO) 2a97fe19-98a9-41fb-a519-dcb14e5ca45d Finland (FI) 54a51eeb-76b0-4ed9-951d-dbd62e42d812 Netherlands (NL) 9d675f1e-7b93-4032-b982-8713fa095a72 Germany (DE) 141d392c-d8b2-4e1a-9c1f-d6f02ea85951 Denmark (DK) 1783be2d-0c1c-4b7a-bc93-08b6ea185436 Netherlands (NL) 2f6a1fb8-3be0-44bd-9b25-332a278974d5 Netherlands (NL) 4f1cde91-7ef3-4cf9-b6fe-f94495c73439 Estonia (EE) 5af5b789-0f6f-4562-a273-94c8798c12e8 Greece (GR) 7582d9bf-de04-4f66-974d-7d9b9bd6a387 Portugal (PT) ba5f248a-53e9-4587-a247-8f22ab8c6f93 Germany (DE) 0ba068b1-6608-4680-bc9d-429c1eabe785 Croatia (HR) ca6ad635-5242-4ae4-9431-d272b28c3e65 Czech Republic (CZ) 052a0e46-58d2-4fb7-a5b6-934e8a8dc6f6 Poland (PL) f04494fe-8119-4d21-b6ca-07e9c0b625a8 Germany (DE) 84e157f2-3374-40a5-8c78-717ccf5c7846 Germany (DE) 44e6a526-b658-4d70-b5db-4867dd9e9a20 France (FR) 18dec544-d410-4f00-b38d-92b9c0bf3903 Netherlands (NL) f39691fb-7611-4849-8846-02b8de563d72 Spain (ES) a502b64f-be66-4bf4-8e80-9ec1c499f3ab Netherlands (NL) 8510d6a1-f92e-4fd6-81d5-9f8d61095d80 Bulgaria (BG) a66a5e17-79eb-4e54-b064-2a285af77eb5 Sweden (SE) 5384096f-1658-431d-ab1e-e2b7a3961154 Poland (PL) f444016d-f8a6-4613-b9da-2a90df11fd16 France (FR) 07e7c4ed-1ab7-45d7-a3b9-a4d35ed4af63 Sweden (SE)

Ordering

Order Code US and Canada	XT2HE3010AFF000XXX
EAN	8015644014889
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	8015644014889

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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 2.95 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	10 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)	100 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	TMD
Release Type	TM
Setting Range	7...10 A
Short-Circuit Performance Level	H
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)
eClass	V11.1 : 27370409

Categories

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

