



PRODUCT-DETAILS

XT2H 160 TMD 25-300 3p F F

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General Information	
Extended Product Type	XT2H 160 TMD 25-300 3p F F
Product ID	1SDA067596R1
EAN	8015644014926
Catalog Description	XT2H 160 TMD 25-300 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 25-300 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
End of Life Instructions	9AKK108468A2348
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
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Environmental

Environmental Information	9AKK108467A6707
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Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	cfc84dde-e61a-4e38-b07f-5da4036ea9a4 Italy (IT)
Simplified SCIP	60f3a5ce-a473-4456-911e-ac0a2deb4152 Germany (DE) 1b2e7963-dfa1-45d9-8b2a-1b6c5172378c Norway (NO) 588d33f0-5dfd-4182-b24c-36b94e148703 Finland (FI) 0e17691f-b006-45f2-be24-b655b0b8b097 Netherlands (NL) b63bc7d2-c6c0-49d3-8715-65f45ea937b8 Germany (DE) 8c45bec7-2fcc-414a-bdd3-dcde1acdd39e Denmark (DK) 943b1b2a-c881-4828-ae9a-22285d4da212 Netherlands (NL) ec4c3592-cc19-486b-8a7e-361979719560 Netherlands (NL) 2b42ea61-971f-4447-815c-868e808a63ba Estonia (EE) a64fd534-cdf4-4cbd-90c7-a143c153246b Greece (GR) 3c0b8a52-0cae-4561-a3a3-7d51b13a9475 Portugal (PT) e5352635-40ab-4bf9-a257-998d8f2d269e Germany (DE) 7386e9a4-136b-42a6-be67-482534d5c84b Croatia (HR) 3d07411e-b413-40da-9418-b392c93f18ed Czech Republic (CZ) 371c7095-86b9-4941-b118-3f9133d596ff Poland (PL) 0ff16924-d336-4759-a47e-afc804c32099 Germany (DE) 76299180-5c14-4f42-b82b-73c785ad9452 Germany (DE) ef2cfb62-d9aa-4d30-92d2-589ab8a12a7e France (FR) e8206767-1d0c-483e-96b0-8a65ccf203ea Netherlands (NL) e1342d0e-8629-4bca-bd3d-0380a997960c Spain (ES) 3044fef1-e5d7-4162-b7bf-6a52a29f8b38 Netherlands (NL) 3f0c10fe-2ed4-4969-86dc-272c9282ea75 Bulgaria (BG) d742ac5a-846e-4722-9020-c02906324ba3 Sweden (SE) fc541581-da0a-4833-877d-70aee274cfc8 Poland (PL) 64835302-4bcd-4d88-8e7a-cf1fc265821c France (FR) 355b4542-96dd-4173-b98c-0dfdd78d83d4 Sweden (SE) bcda9fcf-6239-4554-b97a-c77ffb6efa4d Poland (PL)

Ordering

Order Code US and Canada	XT2HE3025AFF000XXX
E-Number (Finland)	3638600
EAN	8015644014926
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	8015644014926

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH002230A1001

Technical

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 W
Rated Current (I _n)	25 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _s)	300 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	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA

(I _{cu})	(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
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	17.5...25 A
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m

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 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

