



PRODUCT-DETAILS

XT2S 160 TMD 32-320 4p F F

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General Information	
Extended Product Type	XT2S 160 TMD 32-320 4p F F
Product ID	1SDA067574R1
EAN	8015644014704
Catalog Description	XT2S 160 TMD 32-320 4p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 32-320 A

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2348
Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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	cc233e8f-9e6b-4c6a-a22b-c410abdc b24d Italy
Simplified SCIP	d8f2dad c-f429-4da1-a8c5-8617dfe63b4b Belgium 528d53a4-9562-455f-8f7e-e5545aaae728 Hungary 2619f1fe-a142-4e94-bc6a-e47b473adf32 Spain 1ddddd93-aebe-4cd7-aca4-65d99a87f84e Germany c31d42f7-75b9-4004-8ee7-a5230093b6b0 Denmark 73e75842-f1a3-41c8-a843-78a3ac986dab Sweden 8e6202ac-7dc3-41d7-9df8-18294155659d Germany 5d0b26b3-6024-45f2-bbdb-ba55d2bfc b6 France e85e869d-4dd8-432a-ae5c-bac37698316a Portugal a3e96bb0-ff5d-49cb-ba62-2798c2788631 Croatia 280b06a4-2590-48fe-97e8-72c2a42065b7 Germany 05156b4c-8804-4dd6-8cb2-e9377e92869b Germany 8a320b36-6794-4fd1-8eb5-3d34fe697664 Czech Republic 73201c1d-f1e0-48a0-bfd5-c854748afc b France 0219c419-f810-4161-8608-63ae7ceb0f31 Poland 9d6a4bcd-13ce-453c-a0f2-7be88f72ddbb Poland 841fc56d-5fd5-4020-b0bb-229a15784dd9 Germany 4808af2d-7c7e-4d6e-8763-f86ddc6947a0 Greece 76bfa5d7-7904-4e81-9039-475ebaf549b1 Estonia 14be1c63-ed8f-4434-80cd-32e1bb57ca99 Belgium e15033fc-9f9a-4734-a7c1-977ffb4b5c1b Finland a07481e7-f7b8-460e-9b94-670eafdb61de Poland c0caa3d1-fc13-47b0-9d98-e4fcaeb4e2b0 Hungary 207d62db-bf1f-49f8-99f5-36a58d032e9b Bulgaria 1ed7dbbe-192f-41cc-9c25-bb76890295e6 Netherlands a6457aa2-bc90-42f1-bfe9-11eb11912f28 Sweden 87a38a25-d7a5-42a6-8960-216377e073ed Norway

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2SE4032AFF000XXX
E-Number (Norway)	4379590
EAN	8015644014704
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm

Product Net Weight	1.6 kg
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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	2.117 kg
Package Level 1 EAN	8015644014704

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	1SDH002230A1002

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	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 2.57 W
Rated Current (I _n)	32 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	320 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

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(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
	(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
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	22.4...32 A
Short-Circuit Performance Level	S
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

External Classifications and Standards

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)

Categories

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

