



PRODUCT-DETAILS

XT2L 160 TMD 10-100 3p F F

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General Information	
Extended Product Type	XT2L 160 TMD 10-100 3p F F
Product ID	1SDA067636R1
EAN	8015644015329
Catalog Description	XT2L 160 TMD 10-100 3p F F
Long Description	C.BREAKER TMAX XT2L 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	756930d8-54c9-4215-9753-e7bea4f274eb Italy (IT)
Simplified SCIP	130eec79-7161-4496-bb67-f930dff0bff8 Germany (DE) d45d000a-a1c0-41d6-9b94-0ffd6ec40877 Czech Republic (CZ) fac65f29-4b8b-4dbd-a55c-22f95150e9b4 Poland (PL) 1a106a09-bcfe-462a-a572-d58f60dfba3d Germany (DE) 5c9862e8-2176-4255-a5e4-1f8f7d5bb89c Germany (DE) 7489236f-502b-4c4c-8b43-fe641eb00bc2 France (FR) 3faf268d-d5ce-4b5a-bb80-289ac41141ac Netherlands (NL) d657fdcf-6a55-4685-ac8b-1054e5b8da2f Spain (ES) 9997ab07-e49e-416c-a22d-e2e0ba1ffcf6 Netherlands (NL) 82a4497f-116f-40f9-a0db-517b91709c04 Bulgaria (BG) 1da68ca3-c942-4922-9846-31e47990d61b Sweden (SE) a465a3fc-cb47-409b-9f5f-c3ddd6fdd0ae Poland (PL) 0df45729-512f-44ce-af9b-81245f4527e9 France (FR) 7ac86b58-93ca-4582-a374-20be457ea463 Sweden (SE) 02471b30-8fe4-4b76-be53-bb38303cae70 Poland (PL) d8dd160d-7806-468b-8dff-038e503f731a Denmark (DK) 9543a903-317f-493e-8454-f5eca0b13862 Germany (DE) 3b8cc72c-91b4-44b8-b247-87f2edf30a39 Croatia (HR) 5d13da98-82aa-4aa2-b26d-8e811cdfb8fb Norway (NO) 445957a8-2f70-459f-9235-9a3c16090d5d Finland (FI) c5855ee1-f21d-4fe4-9515-7b9de829c412 Netherlands (NL) 31a4c228-f676-49c4-bdc0-8a114dd0846e Germany (DE) 656be651-7c3d-40cf-83da-18d164131147 Netherlands (NL) 71fa229a-c32e-4446-94ac-64be8894fc7c Netherlands (NL) cc7c7d30-8a55-4873-a64b-fe30aad8b58f Estonia (EE) a2185d74-8915-420a-8610-11223a38cb40 Greece (GR) fca59dce-ef1e-4240-b7e5-3c3b7c524443 Portugal (PT)

Ordering

Order Code US and Canada	XT2LE3010AFF000XXX
EAN	8015644015329
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	8015644015329

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) 150 kA (230 V AC) 150 kA (240 V AC) 150 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 60 kA (525 V AC) 36 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 85 kA (500 V DC) 3 Poles in Series 85 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 150 kA
	(230 V AC) 150 kA
	(240 V AC) 150 kA
	(380 V AC) 120 kA
	(415 V AC) 120 kA
	(440 V AC) 100 kA
	(500 V AC) 60 kA
	(525 V AC) 36 kA
	(690 V AC) 18 kA
	(250 V DC) 2 Poles in Series 85 kA
	(500 V DC) 3 Poles in Series 85 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	L
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

