

PRODUCT-DETAILS

XT2N 160 MF 2 Im=28 3p F F

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General Information	
Extended Product Type	XT2N 160 MF 2 Im=28 3p F F
Product ID	1SDA067045R1
EAN	8015644009519
Catalog Description	XT2N 160 MF 2 Im=28 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MF Iu 2 A I3=28 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	978c1b85-98d2-4f4d-a149-e6ffe85089e8 Italy (IT)
Simplified SCIP	bc5ee89b-8251-4581-86a0-26a7acb255b9 France (FR) 7d7f25b9-0185-4abe-b6ed-21d8c2e35f3a Netherlands (NL) ac1699cf-df65-4ec8-a62d-8376dc3807d2 Spain (ES) b9a04421-e11c-472f-9efa-940964e33813 Netherlands (NL) efc2f49e-8adf-4ff7-81ba-055a1922b5cd Poland (PL) a4fd63ce-2704-40f4-b082-4f18c257956e France (FR) 48e76d38-2544-4163-ad64-c51b97b53e58 Norway (NO) 2e0e210d-3df2-4d8f-ad80-b3427618f2b9 Finland (FI) 4278eec1-8887-4fc1-8c45-e4d2ebe843d0 Netherlands (NL) 22bc46b1-a990-43a3-9ef9-1a946ad6f1a2 Germany (DE) 3d7cae76-75ea-4e70-8ca5-f7e950764905 Denmark (DK) 3eccc315-b52c-4401-b582-b167b38797d7 Germany (DE) 7fae62fd-7996-49e1-b904-6d6ed6b13deb Croatia (HR) ac828e97-2078-4b14-a2b2-221ca63edf98 Czech Republic (CZ) bbfba65c-6489-4fdb-8432-197446bf89d1 Poland (PL) d6c1c3f3-40f9-4ef1-a3ce-0beaab48ceab Netherlands (NL) 7ed7267e-5938-4672-9d66-a1f4fe64d302 Netherlands (NL) 76d536d7-473b-4b5c-a69d-3b3091caae33 Estonia (EE) d6c224a7-b2ec-47ed-8983-3647dc70121a Greece (GR) 8388aaf1-1d52-471f-9309-1193148761c1 Portugal (PT) fc2625b7-39da-4db6-8c13-b23193a42e93 Bulgaria (BG) 50339a9f-524b-4f0f-afc1-31a2858ff646 Sweden (SE) 239550f7-b9f9-4a34-a1bd-eea13e2a9631 Poland (PL) 2676ed18-b7d9-4442-8d3e-1d4047232e1c Sweden (SE) 3708fafa-9452-49b8-86cd-2fb1b263cb89 Germany (DE) 04ddb427-9f2e-43aa-802f-2b2e6a56fb9d Germany (DE)

Ordering

Order Code US and Canada	XT2NE3002IFF000XXX
EAN	8015644009519
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	8015644009519

Additional Information	
Circuit Breaker Type to be Associated	Motor Protection
Connecting Capacity Main Circuit	Busbar 32.5..100 mm²
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 2.38 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	2 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)	28 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) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA

	(440 V AC) 36 kA
	(500 V AC) 30 kA
	(525 V AC) 20 kA
	(690 V AC) 10 kA
	(250 V DC) 2 Poles in Series 36 kA
	(500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	MF
Release Type	M
Short-Circuit Performance Level	N
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
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

