



PRODUCT-DETAILS

XT2N 160 Ekip Dip LS/I In=100A 4p F F

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General Information

Extended Product Type	XT2N 160 Ekip Dip LS/I In=100A 4p F F
Product ID	1SDA067093R1
EAN	8015644009984
Catalog Description	XT2N 160 Ekip Dip LS/I In=100A 4p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 100 A

ABB EcoSolutions

ABB EcoSolutions	Yes
ABB Site Meeting Group	UL 2799 Zero Waste To Landfill Validation available
Waste To Landfill Target	
End Of Life Disassembling Instructions	9AKK108468A2349
Environmental Product Declaration - EPD	9AKK108469A1855 9AKK108468A1897
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	1609eb08-e8c3-49f6-a890-5962b956c26a Italy
Simplified SCIP	ac76ed9a-76ad-4a56-b75a-bb0e34d815a8 Germany 3279b360-ceb2-40ea-b5b8-ad72e423bb05 Spain 6ac6f831-68c4-4551-866e-5ed081f7a07c Netherlands 4a89c54b-032f-44b5-8c8d-7d0cd35d046d France dc15b3fa-19b5-4923-89a3-4f384f029b96 Norway 9c25bb52-db28-4e2a-be76-f41b92ffcb96 Finland bbeb138e-7cf5-43cb-8bbd-f9e0719d5446 Netherlands e961004c-4e95-4d96-8754-18691fa102c8 Germany a1af2075-79ed-4e69-8dec-d7d01a11d005 Denmark 42f7f0f4-82fb-4da9-b6b4-dac9338df2b5 Germany 70f63eea-c99f-4c68-915d-74403104364f Croatia 0a736fed-59fb-4cff-b7ba-d7e241a4a7e6 Czech Republic bc2c2cd5-113a-4784-b74f-4cf636b4422f Poland 40f41cc1-1b98-417a-bb07-243fb7c3fe3f Netherlands ebb38ec1-7540-4385-afe0-3f267dc7206b Netherlands fb7779a5-51b6-4c0f-aa58-396fa1050337 Estonia 221148f9-5cc5-42e4-88bf-d791d508f5c6 Greece d6c079cf-0aac-4ee2-af23-f75ebd1e4551 Portugal 9536aa0e-b9f0-4044-ba23-d6dafab7e594 Bulgaria 30f517d9-e24a-482d-9248-71ee1fe24992 Sweden 4a15787d-6911-41b5-ba3c-dfa454f63944 Germany 8c818d40-0b99-43a8-b304-fd0f4d823bb2 Poland bbad2d35-7d33-4dd1-b173-bb90a75acac2 Poland 550fd77c-2475-483b-9e56-8478c5380788 Sweden 4678f95a-3f6c-4fb5-a749-2dc77f54a61e Germany 26238bc6-eb5c-4e9b-adf4-ff0acc6286b7 France 37e16bd4-4f1f-4945-8881-a4cbadaa4ae6 Netherlands

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2NE4100EFF000XXX
E-Number (Finland)	3640566
E-Number (Norway)	4309750
E-Number (Sweden)	3182034
EAN	8015644009984
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

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	2.15 kg
Package Level 1 EAN	8015644009984

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
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 4.2 W
Rated Current (I_n)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC
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
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
Rated Uninterrupted Current (I_u)	160 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M6

Release	Ekip Dip LS/I
Release Type	EL
Short-Circuit Performance Level	N
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	SDC210100D0206 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)
eClass	V11.1 : 27370409

Categories

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

