PRODUCT-DETAILS

XT2N 160 Ekip Dip LS/I In=100A 3p F F

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General Information

Extended Product Type	XT2N 160 Ekip Dip LS/I In=100A 3p F F
Product ID	1SDA067057R1
EAN	8015644007942
Catalog Description	XT2N 160 Ekip Dip LS/I In=100A 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-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 Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2349
Environmental Product Declaration - EPD	9AKK108469A1855 9AKK108468A1897
Extended Product Lifetime	Product Modularity

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Subject to change without notice

Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	e44987f0-fb76-4840-b560-2a73f6a9886e Italy
Simplified SCIP	578022b9-3788-4b93-8a2e-b850a28f136c Germany 29c76948-3cf3-40c5-8ee7-c6b846d60d69 Croatia 52f66bef-d998-4d85-ac9c-757829c97dfe Czech Republic 425aecc1-ad3b-4cae-8f39-ba04d1c89400 Poland 8bd63909-8ebe-4cce-8b4c-162ec1474706 Netherlands 7d365a49-4cd0-4e95-b1c7-d3126e830ca8 Netherlands 9988192e-dc31-41ff-ad6c-f9a185303e5e Estonia 57cef900-af82-48f0-8273-072b3242dee1 Greece ee217784-8e7f-472d-9bd9-7334944dec1f France c53840d0-755c-4b53-a595-d3f683686048 Norway 8d7b39c4-58b3-4e85-8ac9-c73df71d5e18 Finland 974fcb10-0e51-495d-b062-880e974e33af Netherlands c73752fa-5da6-4c5e-84a1-38edc74a10df Germany b8a426c2-2394-4dbb-bdae-56a5a5a80ec0 Denmark 3d6be772-cd6c-4d90-8d7f-1a6d14c032c5 Germany d78792f3-0a38-4eb0-a88b-3ee21b875421 Portugal 182f29d9-a1d9-4afb-858c-83b4ffb48993 Bulgaria 3082a138-f3fd-4861-b319-8d7a3d6d8715 Sweden 75f36e3c-d89a-46ef-a0ea-c51434e8513a Poland 1e5a3570-4002-4e54-acfd-1902e8ad8b2b Sweden 68ce4c70-772a-4976-90d4-e23228efb193 Germany c16138a9-0918-49c3-8725-ae70f059dec8 France dd02d451-7816-4821-98be-990c0c3614a7 Netherlands c33b1ab2-d5cd-4c4f-808c-d723c0d4c3e2 Spain b0446400-9797-4d15-bb44-59488ffb0244 Netherlands 96a1874e-a985-43b2-9ac0-8b73cafbd1c4 Germany b734dc66-d3a4-4eab-99a3-f47edf4a7eaf Poland

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE3100EFF000XXX
E-Number (Finland)	3602492
E-Number (Norway)	4309650
E-Number (Sweden)	3182026
EAN	8015644007942
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

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Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 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	1.705 kg
Package Level 1 EAN	8015644007942

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
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3P
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

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	(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
EU Data Act Compliance Declaration	1SDH002560A1001
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 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

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Categories

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





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