



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 |

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-a985-43b2-9ac0-8b73cafb1c4 Germany b734dc66-d3a4-4eab-99a3-f47edf4a7eaf Poland |

Environmental

| | |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

Ordering

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|--------------------------|--------------------|
| 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

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|--------------------------------|---------------|
| 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

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|---------------------------------------|------------------------------|
| 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 |

| | |
|---|--|
| | (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

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|----------------------------|--|
| 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 |

Categories

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

