



PRODUCT-DETAILS

XT2N 160 Ekip Dip LS/I In=10A 3p F F

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| General Information | |
|-----------------------|--|
| Extended Product Type | XT2N 160 Ekip Dip LS/I In=10A 3p F F |
| Product ID | 1SDA067054R1 |
| EAN | 8015644009601 |
| Catalog Description | XT2N 160 Ekip Dip LS/I In=10A 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 10 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

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|---|---|
| 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 | 58c874d8-98c8-4157-a470-41224095a077 China |
| Simplified SCIP | 4dacb38c-8235-432d-8b04-c783db12083b Denmark 94ae0aa3-df10-48f0-b9fa-cd5cd70f0620 Sweden c7dcb7d2-517f-4156-9bb1-2d6414fc5336 Germany 3c2de714-5aca-43df-b2bd-57c0724a83e6 Estonia aae64704-2158-49bc-9713-55da6fc6c885 Netherlands 95f1a828-5af6-4b38-8b25-eedc5d24330d Bulgaria 9337e40e-75f6-4fb4-98ff-813d2f8f75cc Norway 8225eb6a-0165-4907-b8bb-54c45793d194 Sweden 0d0ce441-570b-4803-b965-a30edf554645 Poland 030a1916-5866-47bf-bb31-7ea0ed1fa342 France 5dd4664b-5986-4346-b162-d599ec94de09 Belgium e02c8fa0-a80c-479b-9b10-6b5f881e0d8d Poland 24331956-0ea3-4ec3-9eaf-f1bd416347f8 Hungary 9b7f32df-99cd-42e6-91c9-f377e1237b61 Belgium 097e8831-b60e-4bb8-9d24-9b48ee9da54a Germany e433edfa-8d13-4fe7-be45-791da2d7ac82 Croatia 5ca6e58e-52d8-4993-9a54-cc084eab9cdf Finland 35360c1a-1b3a-447c-816c-bcda57a55d24 Czech Republic 77f6bfe9-d269-46dd-837c-a9e3c7bf0e88 Greece c41d30e7-547a-4993-8df1-ede6fe86a898 Poland 1f3418dd-f790-4cbe-8ece-4ee072c174f5 Germany 6b0f6cec-2fee-46df-8377-366840e256aa Germany 0aa4df99-8d94-43ca-ae4e-9795b7d02dba Portugal 2466baf0-e888-4f20-8ec4-222335cfff0 Spain 234907b8-4cbb-4d0c-9804-4ebdd6a936a0 Germany 23f5186f-d00d-4fc6-85ca-4213f5287fba Hungary 0f8bb01f-8fe0-4180-aea7-6729e54a22c2 France |

Environmental

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

Ordering

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|--------------------------|--------------------|
| Order Code US and Canada | XT2NE3010EFF000XXX |
| E-Number (Finland) | 3640559 |
| E-Number (Norway) | 4309647 |
| EAN | 8015644009601 |
| 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 | 1.68 kg |
| Package Level 1 EAN | 8015644009601 |

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

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|--|--|
| 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 0.1 W |
| Rated Current (I _n) | 10 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

