
PRODUCT-DETAILS

OTDC160E11K

OTDC160E11K DC Switch-disconnector



General Information

| | |
|-----------------------|---|
| Extended Product Type | OTDC160E11K |
| Product ID | 1SCA127736R1001 |
| EAN | 6417019576398 |
| Catalog Description | OTDC160E11K DC Switch-disconnector |
| Long Description | OTDC160E11K DC Switch-disconnector, Direct mounted handle and terminal bolt kit included, Base mounting, IEC 1000 VDC 160 A |

Ordering

| | |
|------------------------|--------------------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363090 |
| Last Ordering Date | 2021-11-30 All Countries |
| Country of Origin | Finland (FI) |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC301022C0201 |
| Instructions and Manuals | 1SCC301081M0206 |

Dimensions

| | |
|-------------------------------|------------------|
| Product Frame Size | S |
| Product Net Width | 116 mm |
| Product Net Height | 176 mm 6.9 in |
| Product Net Depth / Length | 107 mm |
| Product Net Weight | 1.3 kg 3 lb |

Technical

| | |
|---|---|
| Connection Configuration | Single circuit 2a, 2b |
| Rated Operational Current DC-21B (I_e) | (1000 V) 160 A |
| Conventional Free-air Thermal Current (I_{th}) | 160 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 160 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | 1500 V |
| Rated Operational Voltage | 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (1000 V DC) 10 kA |
| Rated Short-time Withstand Current (I_{cw}) | (1000 V DC) 10 kA for 1 s 5 kA for 0.1 s 10 kA |
| Power Loss | at Rated Operating Conditions per Pole 4 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Length | 65 mm 2.6 in |
| Handle Type | Direct mounted handle |
| Shaft Diameter | 6 mm 0.24 in |
| Shaft Length | 105 mm 4.1 in |
| Switches Operating Mechanism | Mechanism Between the Poles 11 (Between the Poles) |
| Position of Line Terminals | Top In - Bottom Out Bottom In - Top Out |
| Operating Mode | Front Operated |
| Standards | IEC 60947-1, -3 |
| Special Functions | No |
| Mounting Type | Base mounting |
| Number of Circuits | 1 |
| Number of Poles | 2 |
| Degree of Protection | Front IP20 |
| Terminal Type | Lug terminals |
| Terminal Width | 19.5 mm 0.77 in |
| Tightening Torque | Cable Lug 15..22 N·m |
| Utilization | Photovoltaic |
| Utilization Category | Switching of resistive loads, including moderate overloads - occasional actuation (DC-21B) |

Environmental

| | |
|---------------------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | NA |

Certificates and Declarations (Document Number)

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|-----------------------------------|---------------------|
| CCC Certificate | CQC2013010302611671 |
| Declaration of Conformity - CE | 1SCC301201D2703 |
| DNV GL Certificate | 1SCC301231D0201 |
| Environmental Information | NA |
| Instructions and Manuals | 1SCC301081M0206 |
| RoHS Information | 1SCC301201D2703 |

Container Information

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|-----------------------------------|------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 130 mm 5.1 in |
| Package Level 1 Depth / Length | 170 mm 6.7 in |
| Package Level 1 Height | 212 mm 8.3 in |
| Package Level 1 Gross Weight | 1.5 kg 3.4 lb |
| Package Level 1 EAN | 6417019576398 |

Classifications

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|----------------------------|--|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnecter |
| ETIM 6 | EC000216 - Switch disconnecter |
| ETIM 7 | EC000216 - Switch disconnecter |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → DC Switch-Disconnectors

