

# OTDC100E11K



OTDC100E11K DC Switch-disconnector



## General Information

|                       |                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTDC100E11K                                                                                                                 |
| Product ID            | 1SCA127730R1001                                                                                                             |
| EAN                   | 6417019576336                                                                                                               |
| Catalog Description   | OTDC100E11K DC Switch-disconnector                                                                                          |
| Long Description      | OTDC100E11K DC Switch-disconnector, Direct mounted handle and terminal bolt kit included, Base mounting, IEC 1000 VDC 100 A |

## Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85365080 |

## Popular Downloads

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

## Dimensions

|                            |                |
|----------------------------|----------------|
| Product Net Width          | 112 mm         |
| Product Net Height         | 176 mm         |
| Product Net Depth / Length | 107 mm         |
| Product Net Weight         | 1.3 kg<br>3 lb |

## Technical

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Rated Operational Current DC-21B ( $I_{\theta}$ )  | (1000 V) 100 A       |
| Conventional Free-air Thermal Current ( $I_{th}$ ) | 100 A                |
| Conventional Thermal Current ( $I_{the}$ )         | Fully Enclosed 100 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 ( $I_{cw}$ )    | 1500 V DC 10 kA      |

for 1 s 10 kA

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| Power Loss                   | at Rated Operating Conditions per Pole 2 A            |
| Pollution Degree             | 3                                                     |
| Handle Color                 | Black                                                 |
| Handle Length                | 65 mm<br>2.6 in                                       |
| Handle Type                  | Direct mounted handle                                 |
| Switches Operating Mechanism | Mechanism Between the Poles<br>11 (Between the Poles) |
| Position of Line Terminals   | Top In - Bottom Out<br>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<br>0.77 in                                    |
| Tightening Torque            | Cable Lug 15...22 mm                                  |

## Environmental

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

## Certificates and Declarations (Document Number)

|                                |                     |
|--------------------------------|---------------------|
| CCC Certificate                | CCC OTDC100-250.pdf |
| Declaration of Conformity - CE | 1SCC301201D2703     |
| Environmental Information      | NA                  |
| Instructions and Manuals       | 1SCC301081M0206     |
| RoHS Information               | 1SCC301206D0205     |

## Container Information

|                                |                  |
|--------------------------------|------------------|
| Package Level 1 Units          | 1 piece          |
| Package Level 1 Width          | 212 mm<br>8.3 in |
| Package Level 1 Depth / Length | 170 mm<br>6.7 in |
| Package Level 1 Height         | 130 mm<br>5.1 in |
| Package Level 1 Gross Weight   | 1.5 kg<br>3.4 lb |
| Package Level 1 EAN            | 6417019576336    |

## Classifications

|                            |   |
|----------------------------|---|
| 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) |

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**Categories**

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

