

## PRODUCT-DETAILS

# OTDCP25SA11M

## OTDCP25SA11M Enclosed solar switch



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTDCP25SA11M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product ID            | 1SCA125127R1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EAN                   | 6417019553832                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Catalog Description   | OTDCP25SA11M Enclosed solar switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Long Description      | <p>The enclosure in the OTDCP series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are threaded and have knock out holes for 2 parallel cables, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked, and the interlock can be defeated with a special tool. Typical applications is solar panels, DC batteries, etc.</p> |

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85365080     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals          | 1SCC340027M0002 |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 95 mm   |
| Product Net Height         | 150 mm  |
| Product Net Depth / Length | 95 mm   |
| Product Net Weight         | 0.55 kg |

## Technical

|                                                     |                                              |
|-----------------------------------------------------|----------------------------------------------|
| Rated Operational Current<br>DC-21B ( $I_e$ )       | (1000 V) 25 A                                |
| Conventional Thermal<br>Current ( $I_{the}$ )       | Fully Enclosed 25 A                          |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )    | 8 kV                                         |
| Rated Insulation Voltage<br>( $U_i$ )               | acc. to IEC/EN 60664-1 1000 V                |
| Rated Operational Voltage                           | Main Circuit 1000 V                          |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ ) | (690 V AC) 0.71 kA                           |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )  | for 1 s 0.5 kA                               |
| Power Loss                                          | at Rated Operating Conditions per Pole 0.3 W |
| Pollution Degree                                    | 3                                            |
| Handle Color                                        | Red / Yellow                                 |
| Handle Type                                         | Selector handle                              |
| Standards                                           | IEC 60947-1, -3                              |
| Special Functions                                   | Solar                                        |
| Number of Poles                                     | 2                                            |
| Connecting Capacity Main<br>Circuit                 | Screw Clamp 2.5...16 mm <sup>2</sup>         |
| Cable Entry Position                                | Up/Down                                      |
| Cable Outlets Per Side                              | 2xM20 / 2xM20                                |
| Degree of Protection                                | acc. to IEC 60529 IP65                       |
| Enclosure Material                                  | Plastic                                      |
| Mounted Auxiliary<br>Contacts                       | 0 NO, 0 NC                                   |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Certificates and Declarations (Document Number)

|                           |                 |
|---------------------------|-----------------|
| BV Certificate            | 1SCC340018D0204 |
| Declaration of Conformity | 1SCC340003D2704 |

- CE

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SCC340027M0002 |
| RoHS Information         | 1SCC340051D0202 |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 142 mm        |
| Package Level 1 Depth / Length | 167 mm        |
| Package Level 1 Height         | 108 mm        |
| Package Level 1 Gross Weight   | 0.6 kg        |
| Package Level 1 EAN            | 6417019553832 |

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) |
| E-Number (Finland)         | 3601743                                                    |
| E-Number (Norway)          | 1414577                                                    |

Categories

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

