

## PRODUCT-DETAILS

# OT160EVS30

## OT160EVS30 SWITCH-DISCONNECTOR



### General Information

|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT160EVS30                                                                                                            |
| Product ID            | 1SCA120566R1001                                                                                                       |
| EAN                   | 6417019520353                                                                                                         |
| Catalog Description   | OT160EVS30 SWITCH-DISCONNECTOR                                                                                        |
| Long Description      | 3-pole, side operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included |

### Ordering

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

### Popular Downloads

|                                   |                                                     |
|-----------------------------------|-----------------------------------------------------|
| Data Sheet, Technical Information | 1SCC301020C0201                                     |
| Instructions and Manuals          | 1SCC301068M0204                                     |
| Mechanical Drawings               | 1SCC301656F0001<br>1SCC301655F0001<br>OT200ES30.igs |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 181.5 mm |
| Product Net Height         | 150 mm   |
| Product Net Depth / Length | 82 mm    |
| Product Net Weight         | 1.5 kg   |

## Technical

|                                                       |                                                                                    |
|-------------------------------------------------------|------------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )         | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 200 A<br>(1000 V) 200 A          |
| Rated Operational Current<br>AC-22A ( $I_e$ )         | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 160 A                            |
| Rated Operational Current<br>AC-23A ( $I_e$ )         | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A                            |
| Rated Operational Power<br>AC-23A ( $P_e$ )           | (220 ... 240 V) 48 kW<br>(400 ... 415 V) 88 kW<br>(500 V) 112 kW<br>(690 V) 144 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | q = 40 °C 200 A                                                                    |
| Conventional Thermal<br>Current ( $I_{the}$ )         | Fully Enclosed 160 A                                                               |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 12 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) 30 kA                                                                      |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 8 kA                                                                       |
| Power Loss                                            | at Rated Operating Conditions per Pole 3.2 W                                       |
| Pollution Degree                                      | 3                                                                                  |
| Handle Type                                           | Handle and shaft not included                                                      |
| Switches Operating<br>Mechanism                       | Mechanism at the End of the Switch<br>30 (Right Side)                              |
| Distance Between Phases                               | Standard                                                                           |
| Position of Line Terminals                            | Top In - Bottom Out<br>Bottom In - Top Out                                         |
| Operating Mode                                        | Side operated                                                                      |
| Standards                                             | IEC 60947-3                                                                        |
| Special Functions                                     | No                                                                                 |
| Mounting Type                                         | Base mounting                                                                      |
| Number of Poles                                       | 3                                                                                  |
| Degree of Protection                                  | Front IP00                                                                         |
| Terminal Type                                         | Lug terminals                                                                      |
| Tightening Torque                                     | acc. IEC 60947-1 15..22 N·m                                                        |
| Mechanical Durability                                 | 20000                                                                              |
| Lock Type                                             | No                                                                                 |

## Environmental

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

Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC301131D2705 |
| DNV GL Certificate                | 1SCC301174D0204 |
| Environmental Information         | 1SCC301149D0202 |
| Instructions and Manuals          | 1SCC301068M0204 |
| RoHS Information                  | 1SCC301149D0203 |

Container Information

|                                   |                  |
|-----------------------------------|------------------|
| Package Level 1 Units             | box 1 piece      |
| Package Level 1 Width             | 170 mm<br>6.7 in |
| Package Level 1 Depth /<br>Length | 250 mm<br>9.8 in |
| Package Level 1 Height            | 155 mm<br>6.1 in |
| Package Level 1 Gross<br>Weight   | 1.7 kg<br>3.7 lb |
| Package Level 1 EAN               | 6417019520353    |

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) |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

