

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

## General Information

|                               |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | OT1250E03                                                                                                              |
| <b>Product ID:</b>            | 1SCA022860R5510                                                                                                        |
| <b>EAN:</b>                   | 6417019309262                                                                                                          |
| <b>Catalog Description:</b>   | OT1250E03 switch-disconnector                                                                                          |
| <b>Long Description:</b>      | 3-pole, front operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Minimum Order Quantity:</b> | 1 piece  |
| <b>Customs Tariff Number:</b>  | 85365080 |

## Popular Downloads

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SCC301020C0201 |
| <b>Instructions and Manuals:</b>          | 1SCC301047M0205 |

## Dimensions

|                            |                      |
|----------------------------|----------------------|
| <b>Product Net Width:</b>  | 335 mm               |
| <b>Product Net Height:</b> | 306 mm               |
| <b>Product Net Depth:</b>  | 127 mm               |
| <b>Product Net Weight:</b> | 14.72 kg<br>32.45 lb |

## Technical

|                                                                |                                                                               |
|----------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Rated Operational Current AC-21A</b><br>(I <sub>e</sub> ):  | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A<br>(1000 V) 1250 A |
| <b>Rated Operational Current AC-22A</b><br>(I <sub>e</sub> ):  | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A                    |
| <b>Rated Operational Current AC-23A</b><br>(I <sub>e</sub> ):  | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A                    |
| <b>Rated Operational Power AC-23A</b><br>(P <sub>e</sub> ):    | (380 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW                   |
| <b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b> | q = 40 °C 1250 A                                                              |

|                                                                   |                                                      |
|-------------------------------------------------------------------|------------------------------------------------------|
| <b>Conventional Thermal Current</b><br>( $I_{the}$ ):             | Fully Enclosed 1250 A                                |
| <b>Rated Impulse Withstand Voltage</b><br>( $U_{imp}$ ):          | 12 kV                                                |
| <b>Rated Insulation Voltage (<math>U_i</math>):</b>               | 1000 V                                               |
| <b>Rated Operational Voltage:</b>                                 | 1000 V                                               |
| <b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b> | (690 V AC) 110 kA                                    |
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>  | for 1 s 50 kiloampere rms                            |
| <b>Power Loss:</b>                                                | at Rated Operating Conditions per Pole 29 W          |
| <b>Pollution Degree:</b>                                          | 3                                                    |
| <b>Handle Type:</b>                                               | Handle and shaft not included                        |
| <b>Switches Operating Mechanism:</b>                              | Mechanism at the End of the Switch<br>03 (Left Side) |
| <b>Distance Between Phases:</b>                                   | Standard                                             |
| <b>Position of Line Terminals:</b>                                | Top In - Bottom Out<br>Bottom In - Top Out           |
| <b>Operating Mode:</b>                                            | Front operated                                       |
| <b>Standards:</b>                                                 | IEC 60947-3                                          |
| <b>Special Functions:</b>                                         | No                                                   |
| <b>Mounting Type:</b>                                             | Base mounting                                        |
| <b>Number of Poles:</b>                                           | 3                                                    |
| <b>Terminal Type:</b>                                             | Lug terminals                                        |
| <b>Tightening Torque:</b>                                         | 50 ... 75 N·m                                        |

## Environmental

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Environmental Information:</b> | 1SCC301149D0202 |
|-----------------------------------|-----------------|

## Certificates and Declarations (Document Number)

|                                        |                 |
|----------------------------------------|-----------------|
| <b>Declaration of Conformity - CE:</b> | 1SCC301155D2704 |
| <b>DNV GL Certificate:</b>             | 1SCC301184D0203 |
| <b>Environmental Information:</b>      | 1SCC301149D0202 |
| <b>Instructions and Manuals:</b>       | 1SCC301047M0205 |

## Container Information

|                                |                    |
|--------------------------------|--------------------|
| <b>Package Level 1 Units:</b>  | 1 piece            |
| <b>Package Level 1 Width:</b>  | 400 mm<br>15.75 in |
| <b>Package Level 1 Length:</b> | 435 mm<br>17.13 in |

|                                      |                      |
|--------------------------------------|----------------------|
| <b>Package Level 1 Height:</b>       | 170 mm<br>6.69 in    |
| <b>Package Level 1 Gross Weight:</b> | 16.02 kg<br>35.32 lb |
| <b>Package Level 1 EAN:</b>          | 6417019309262        |

## Classifications

|                                    |                                |
|------------------------------------|--------------------------------|
| <b>E-nummer:</b>                   | 3171236                        |
| <b>Object Classification Code:</b> | Q                              |
| <b>ETIM 5:</b>                     | EC000216 - Switch disconnecter |
| <b>ETIM 6:</b>                     | EC000216 - Switch disconnecter |

