

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

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | OT25F3  |
| <b>Product ID:</b>            | 1SCA104857R1001   |
| <b>EAN:</b>                   | 6417019390000   |
| <b>Catalog Description:</b>   | OT25F3 SWITCH-DISCONNECTOR  |
| <b>Long Description:</b>      | 3-pole, front operated, base mounted, DIN-rail mountable switch-diconnect or / non-fusible diconnect switch with protected clamp terminals, handle and shaft are not included |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Minimum Order Quantity:</b> | 10 piece |
| <b>Customs Tariff Number:</b>  | 85365080 |

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SCC301020C0201 |
| <b>Instructions and Manuals:</b>          | 1SCC301052M0001 |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 35 mm   |
| <b>Product Net Height:</b>         | 68 mm   |
| <b>Product Net Depth / Length:</b> | 56 mm   |
| <b>Product Net Weight:</b>         | 0.11 kg |

## Technical

|  |  |
|--|--|
| <b>Rated Operational Current AC-21A (I<sub>e</sub>):</b>       | (380 ... 415 V) 25 A<br>(500 V) 25 A<br>(690 V) 25 A |
| <b>Rated Operational Current AC-22A (I<sub>e</sub>):</b>       | (380 ... 415 V) 25 A<br>(500 V) 25 A<br>(690 V) 25 A |
| <b>Rated Operational Current AC-23A (I<sub>e</sub>):</b>       | (380 ... 415 V) 20 A<br>(500 V) 20 A<br>(690 V) 11 A |
| <b>Rated Operational Power AC-23A (P<sub>e</sub>):</b>         | (380 ... 415 V) 9 kW<br>(500 V) 9 kW<br>(690 V) 9 kW |
| <b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b> | q = 40 °C 32 A                                       |

|   |  |
|---|--|
| <b>Conventional Thermal Current (<math>I_{the}</math>):</b>       | Fully Enclosed 32 A                          |
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>    | 8 kV   |
| <b>Rated Insulation Voltage (<math>U_i</math>):</b>               | 750 V  |
| <b>Rated Operational Voltage:</b>                                 | 750 V  |
| <b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b> | (690 V AC) 0.71 kA                           |
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>  | for 1 s 0.5 kA                               |
| <b>Power Loss:</b>  | at Rated Operating Conditions per Pole 0.6 W |
| <b>Pollution Degree:</b>  | 3  |
| <b>Handle Type:</b>   | Knob, Handle and shaft not included          |
| <b>Switches Operating Mechanism:</b>                              | Mechanism on Top of the Switch               |
| <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 / UL 508 / CSA C22.2 No. 14      |
| <b>Special Functions:</b>   | No   |
| <b>Mounting Type:</b>   | Base mounting                                |
| <b>Number of Poles:</b>   | 3  |
| <b>Cable Cross-Section:</b>                                       | 0.75 ... 10 mm <sup>2</sup>                  |
| <b>Terminal Type:</b>   | Screw Terminals                              |
| <b>Tightening Torque:</b>   | 0.8 N·m                                      |

## Technical UL/CSA

|  |   |
|--|---|
| <b>Maximum Operating Voltage UL/CSA:</b> | 600 V   |
| <b>Horsepower Rating UL/CSA:</b>         | (acc. to UL 200 V) 7.5 Hp<br>(acc. to UL 480 V) 15 Hp<br>(acc. to UL 208 V) 7.5 Hp<br>(acc. to UL 240 V) 7.5 Hp<br>(acc. to UL 600 V) 20 Hp |
| <b>Ampere Rating UL/CSA:</b>             | 30 A  |
| <b>Tightening Torque UL/CSA:</b>         | 7 in·lb   |

## Environmental

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Environmental Information:</b> | 1SCC301183D0201 |
|-----------------------------------|-----------------|

## Certificates and Declarations (Document Number)

