

## PRODUCT-DETAILS

# OS160GD00FCC4B

## OS160GD00FCC4B Enclosed switch fuse



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OS160GD00FCC4B                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 1SCA134501R1001                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EAN                   | 6417019633053                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Catalog Description   | OS160GD00FCC4B Enclosed switch fuse                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Long Description      | <p>The enclosure in the OT 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 knock out types for II-flanges. Cables can be inserted from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. The interlocking can be defeated. PE terminals included.</p> |

### Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85363090     |
| Country of Origin      | Finland (FI) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC340015C0201 |
| Instructions and Manuals          | 1SCC340004M0004 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 380 mm |
| Product Net Height         | 560 mm |
| Product Net Depth / Length | 180 mm |
| Product Net Weight         | 7.6 kg |

## Technical

|                                                          |                                                                               |
|----------------------------------------------------------|-------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-22A ( $I_g$ )            | (380 ... 415 V) 160 A<br>(690 V) 160 A                                        |
| Rated Operational Current<br>AC-23A ( $I_g$ )            | (380 ... 415 V) 160 A<br>(690 V) 160 A                                        |
| Conventional Thermal<br>Current ( $I_{the}$ )            | Fully Enclosed 160 A                                                          |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )         | 5 kV                                                                          |
| Rated Insulation Voltage<br>( $U_i$ )                    | acc. to IEC/EN 60664-1 750 V                                                  |
| Rated Operational Voltage                                | 690 V                                                                         |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )       | for 1 s 5 kA                                                                  |
| Rated Conditional Short-<br>Circuit Current ( $I_{nc}$ ) | 23.5 kiloampere rms                                                           |
| Power Loss                                               | at Rated Operating Conditions per Pole 9 W                                    |
| Pollution Degree                                         | 3                                                                             |
| Handle Color                                             | Black                                                                         |
| Handle Type                                              | Pistol handle                                                                 |
| Fuse System                                              | DIN                                                                           |
| Standards                                                | IEC 60947-3                                                                   |
| Number of Poles                                          | 4                                                                             |
| Connecting Capacity Main<br>Circuit                      | Hole Diameter 8 mm<br>Screw Clamp / PE Terminal 2pcs, 10...70 mm <sup>2</sup> |
| Cable Entry Position                                     | Up/Down                                                                       |
| Cable Outlets Per Side                                   | II-flange / II-flange                                                         |
| Degree of Protection                                     | acc. to IEC 60529 IP65                                                        |
| Enclosure Type                                           | Fib                                                                           |
| Enclosure Material                                       | Plastic                                                                       |
| Maximum Mounted<br>Auxiliary Contacts                    | 2 NO, 1 NC                                                                    |
| Mounted Auxiliary<br>Contacts                            | 0 NO, 0 NC                                                                    |
| Tightening Torque                                        | 15 - 22 N·m                                                                   |
| Mechanical Durability                                    | 20000 cycle                                                                   |
| Fuse Type                                                | DIN 000,00                                                                    |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC340009D2703 |
| Instructions and Manuals          | 1SCC340004M0004 |
| RoHS Information                  | 1SCC311107D0202 |

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## Container Information

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|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 415 mm        |
| Package Level 1 Depth /<br>Length | 710 mm        |
| Package Level 1 Height            | 325 mm        |
| Package Level 1 Gross<br>Weight   | 9.7 kg        |
| Package Level 1 EAN               | 6417019633053 |

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## Classifications

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|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 5                     | EC000216 - Switch disconnecter                              |
| ETIM 6                     | EC000216 - Switch disconnecter                              |
| ETIM 7                     | EC000216 - Switch disconnecter                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

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## Categories

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Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch Fuses

