



Switch Disconnecter Ex e 40 A 3 Pole, Stainless Steel Enclosure

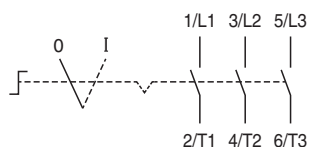
DIS.S.040.3P.SR

- Switch disconnecter, 2 position with left OFF - 3x NO
- Labeling '0 - I'
- Padlockable in three positions
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Stainless Steel AISI 316L
- Bottom face cable glands polyamide, 2x M32
- Ex db eb and Ex tb certified
- Degree of protection: IP 66
- Return Flange Sealing provides Drain Channel

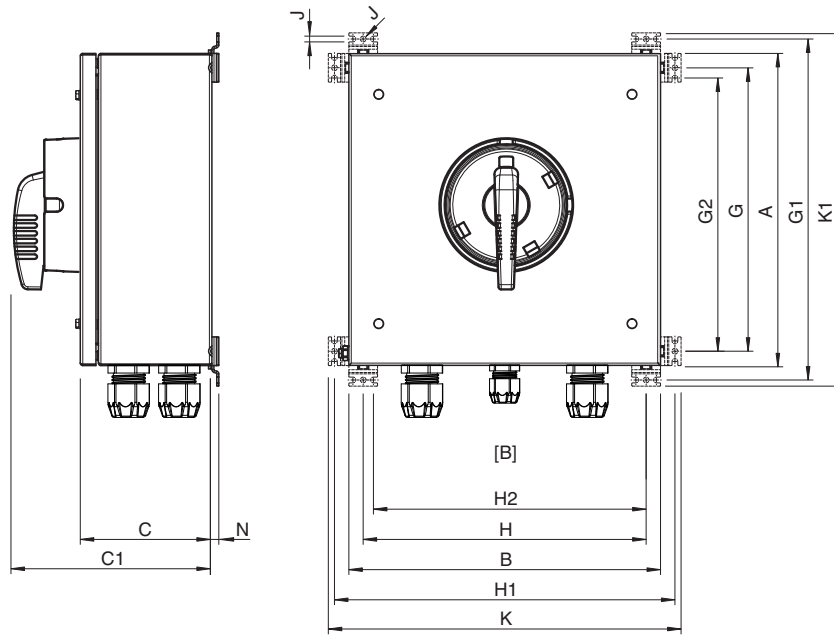


Connection

| | 1/L1 | 3/L2 | 5/L3 |
|---|------|------|------|
| 0 | | | |
| I | X | X | X |
| | 2/T1 | 4/T2 | 6/T3 |



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Technical Data

Electrical specifications

| | |
|----------------------------------|---|
| Operating voltage | 690 V max. |
| Rated impulse withstand voltage | 6 kV |
| Rated frequency | 50/60 Hz |
| Short circuit current limitation | recommended: 63 A, gG |
| Operating current | 40 A max. |
| Terminal capacity | |
| Main terminals capacity | 2x 6 ... 10 mm ² |
| Main terminals torque | 3.5 Nm |
| Grounding terminals capacity | 2x 6 ... 10 mm ² |
| Grounding terminals torque | 3.5 Nm |
| Rated insulation voltage | 800 V |
| Function | switch disconnecter |
| Color | black |
| Contact configuration | 3x NO |
| Switching configuration | 2 position with left OFF |
| Usage category | AC23: 690 V AC - 32 A / 500 V AC - 40 A / 400 V AC - 40 A AC3: 690 V AC - 32 A / 500 V AC - 40 A / 400 V AC - 40 A |
| Number of poles | 3 |
| Operator action | engage - engage |
| Lockable | in 'OFF' position threefold padlockable |
| Labeling | 0 - I |

Mechanical specifications

| | |
|-----------------|--|
| Enclosure range | SR |
| Enclosure cover | fully detachable |
| Cover fixing | stainless steel A4 (V4A) hexagonal head screws |
| Screws | M6 |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

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Technical Data

| | |
|--|--|
| Number | 4 |
| Tightening torque | 3 Nm - 3.5 Nm |
| Cover seal | foamed silicone |
| Degree of protection | IP66 |
| Cable entry | thru-holes direct through body |
| Cable entry face B | |
| M32 quantity | 2 |
| M32 series | Cable Glands, Plastic |
| M32 type | CG.PEDS1.M32L.* |
| M32 clamping range | 14 ... 24 mm |
| Defined entry area | face B |
| Material | |
| Enclosure | 1.5 mm AISI 316L, (1.4404) stainless steel |
| Finish | brushed |
| Mass | approx. 6.3 kg |
| Dimensions | |
| External dimension (A) | 260 mm |
| External dimension (B) | 260 mm |
| External dimension (C) | 160 mm |
| External dimension with operating element (C1) | 210 mm |
| Mounting holes distance (G) | 225 mm |
| Mounting holes distance (G1) | 295 mm |
| Mounting holes distance (G2) | 212.5 mm |
| Mounting holes distance (H) | 225 mm |
| Mounting holes distance (H1) | 295 mm |
| Mounting holes distance (H2) | 212.5 mm |
| Mounting holes diameter (J) | 7 mm |
| Thickness of mounting brackets (N) | 8.5 mm |
| Maximum external dimension (K) | 310 mm |
| Maximum external dimension (K1) | 310 mm |
| Tightening torque | |
| Nut torque at enclosure (SW1) | see datasheets of cable glands |
| Mounting | 4 Mounting bracket for wall mounting included in the scope of delivery |
| Grounding | M6 internal/external brass nickel-plated grounding bolt M6 internal stainless steel grounding bolt welded to lid M6 internal stainless steel grounding bolt welded to enclosure body |
| Ambient conditions | |
| Ambient temperature | -40 ... 55 °C (-40 ... 131 °F) @ T4 |
| Data for application in connection with hazardous areas | |
| EU-type examination certificate | CML 16 ATEX 3009X |
| Marking | Ex II 2 GD Ex db eb IIC T* Gb Ex tb IIIC T** °C Db T4/T130 °C @ Ta +55 °C |
| International approvals | |
| IECEx approval | IECEx CML 16.0008X |
| UKCA approval | CML 22 UKEX 2550X |
| Further approvals | further on request |
| Conformity | |
| Degree of protection | EN 60529 |
| Usage category | IEC / EN 60947 |
| CE marking | 0080 or 0102, see type label |
| General information | |

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Technical Data

Supplementary information

EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com.

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