



# Switch Disconnecter Ex e 25 A 4 Pole, Stainless Steel Enclosure

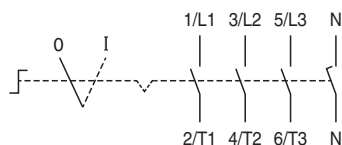
DIS.S.025.3PN

- Switch disconnecter, 2 position with left OFF - 4x NO
- Labeling '0 - I'
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Stainless Steel enclosure
- Bottom face cable glands metal, 2x M25 1x M20
- Ex db eb and Ex tb certified
- Padlockable switch

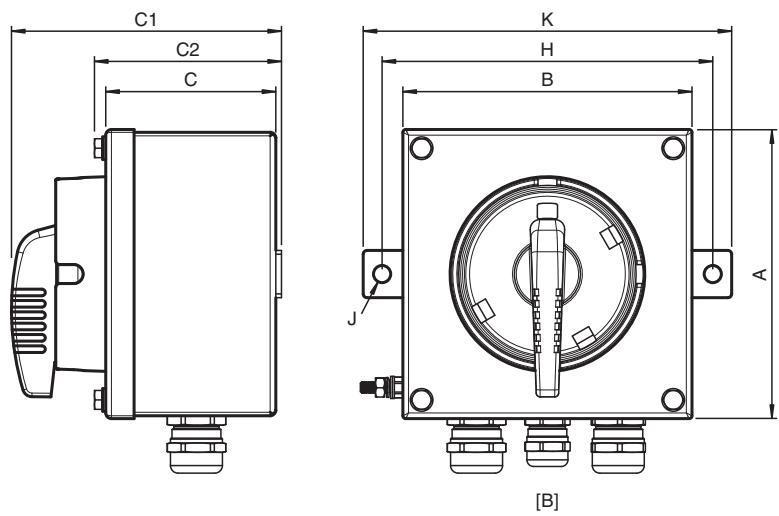


## Connection

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



Dimensions



Dimension values see data table.  
Image and drawing are generic for this device type and may deviate from the specific variant.

| Legend |                                                  |
|--------|--------------------------------------------------|
| A      | Height                                           |
| B      | Width                                            |
| C      | Depth                                            |
| C1     | Depth with operating element                     |
| C2     | Depth with screws                                |
| H      | Mounting holes distance, horizontal              |
| J      | Mounting holes diameter                          |
| K      | Maximum external dimension with mounting bracket |
| [B]    | Cable entry face                                 |

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: 35 A, gG        |
| Operating current                |  | 25 A max.                    |
| Terminal capacity                |  |                              |
| Main terminals capacity          |  | 2x 1.5 ... 4 mm <sup>2</sup> |
| Main terminals torque            |  | 2 Nm                         |
| Grounding terminals capacity     |  | 2x 1.5 ... 4 mm <sup>2</sup> |
| Grounding terminals torque       |  | 2 Nm                         |
| Rated insulation voltage         |  | 800 V                        |
| Function                         |  | switch disconnecter          |
| Color                            |  | black                        |
| Contact configuration            |  | 4x NO                        |

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## Technical Data

|                                                                |                                                                                                                       |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Switching configuration                                        | 2 position with left OFF                                                                                              |
| Usage category                                                 | AC23: 690 V AC - 16 A / 500 V AC - 20 A / 400 V AC - 25 A<br>AC3: 690 V AC - 16 A / 500 V AC - 20 A / 400 V AC - 25 A |
| Number of poles                                                | 4                                                                                                                     |
| Operator action                                                | engage - engage                                                                                                       |
| Lockable                                                       | in 'OFF' position threefold padlockable                                                                               |
| Labeling                                                       | 0 - I                                                                                                                 |
| <b>Mechanical specifications</b>                               |                                                                                                                       |
| Enclosure range                                                | SL                                                                                                                    |
| Enclosure cover                                                | fully detachable                                                                                                      |
| Cover fixing                                                   | stainless steel A4 (V4A) hexagonal head screws                                                                        |
| Screws                                                         | M6                                                                                                                    |
| Number                                                         | 4                                                                                                                     |
| Tightening torque                                              | 2 Nm                                                                                                                  |
| Cover seal                                                     | one piece closed cell silicone                                                                                        |
| Degree of protection                                           | IP65                                                                                                                  |
| Cable entry face B                                             |                                                                                                                       |
| M20 quantity                                                   | 1                                                                                                                     |
| M20 series                                                     | Cable Glands, Metal, for non-armored Cables                                                                           |
| M20 type                                                       | CG.NA.M20S.*                                                                                                          |
| M20 clamping range                                             | 4 ... 12 mm                                                                                                           |
| M25 quantity                                                   | 2                                                                                                                     |
| M25 series                                                     | Cable Glands, Metal, for non-armored Cables                                                                           |
| M25 type                                                       | CG.NA.M25S.*                                                                                                          |
| M25 clamping range                                             | 10 ... 18 mm                                                                                                          |
| Defined entry area                                             | face B                                                                                                                |
| Material                                                       |                                                                                                                       |
| Enclosure                                                      | 1.5 mm AISI 316L, (1.4404) stainless steel                                                                            |
| Finish                                                         | brushed                                                                                                               |
| Mass                                                           | 2.45 kg                                                                                                               |
| Dimensions                                                     |                                                                                                                       |
| Height (A)                                                     | 150 mm                                                                                                                |
| Width (B)                                                      | 150 mm                                                                                                                |
| Depth (C)                                                      | 90 mm                                                                                                                 |
| External dimension with operating element (C1)                 | 143 mm                                                                                                                |
| External dimension with screws (C2)                            | 99 mm                                                                                                                 |
| Mounting holes distance (H)                                    | 175 mm                                                                                                                |
| Mounting holes diameter (J)                                    | 10.3 mm                                                                                                               |
| Maximum external dimension (K)                                 | 195 mm                                                                                                                |
| Tightening torque                                              |                                                                                                                       |
| Nut torque at enclosure (SW1)                                  | see datasheets of cable glands                                                                                        |
| Grounding                                                      | M6 internal/external brass grounding bolt                                                                             |
| <b>Ambient conditions</b>                                      |                                                                                                                       |
| Ambient temperature                                            | -40 ... 55 °C (-40 ... 131 °F) @ T4                                                                                   |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                       |
| EU-type examination certificate                                | CML 16 ATEX 3009X                                                                                                     |
| Marking                                                        | Ⓔ II 2 GD<br>Ex db eb IIC T* Gb<br>Ex tb IIIC T** °C Db<br>T4/T130 °C @ Ta +55 °C                                     |
| <b>International approvals</b>                                 |                                                                                                                       |
| IECEx approval                                                 | IECEx CML 16.0008X                                                                                                    |
| UKCA approval                                                  | CML 22 UKEX 2550X                                                                                                     |
| Further approvals                                              | further on request                                                                                                    |

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

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Technical Data

|                           |  |                                                                                                                                                                                                                                                              |
|---------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conformity                |  |                                                                                                                                                                                                                                                              |
| Degree of protection      |  | EN 60529                                                                                                                                                                                                                                                     |
| Usage category            |  | IEC / EN 60947                                                                                                                                                                                                                                               |
| CE marking                |  | 0080 or 0102, see type label                                                                                                                                                                                                                                 |
| General information       |  |                                                                                                                                                                                                                                                              |
| 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 <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |

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