## Foot-switch

## Series F1

After initially pressing the pedal, the switch setting is retained even after the pedal is released. The contact is not interrupted before the pedal is pressed again (2 switch settings).

## Operating symbol



Switch position 1


Switch position 0


| Electrical data |  |  |
| :--- | :--- | :--- |
| Rated insulation voltage | $\mathrm{U}_{\mathrm{i}}$ | 400 V AC |
| Conv. thermal current | $\mathrm{I}_{\text {the }}$ | 10 A |
| Rated operational voltage | $\mathrm{U}_{\mathrm{e}}$ | 240 V |
| Utilization category | $\mathrm{AC}-15, \mathrm{U}_{\mathrm{e}} 240 \mathrm{~V} / \mathrm{I}_{\mathrm{e}} 3 \mathrm{~A}$ |  |
| Short-circuit protective device |  | Fuse 10 A gG |
| Protection class | I |  |

Technical Data

| Mechanical Data |  |
| :--- | :--- |
| Enclosure | AL |
| Cover | AL |
| Actuator | Foot lever (PA) |
| Ambient air temperature | $-30^{\circ} \mathrm{C} \ldots+80^{\circ} \mathrm{C}$ |
| Contact type | $1 \mathrm{N.C}. / 1 \mathrm{~N} . \mathrm{O} .(\mathrm{Zb})$ with latching |
| Operating force | $\approx 10 \mathrm{~N}$ (pedal centre) |
| Mechanical life | $1 \times 10^{6}$ switching cycles |
| Switching frequency | $\leq 50 /$ min |
| Assembly | $2 \times \mathrm{M} 8$ |
| Connection | Screw connections (M3,5) |
| Number of connections | 4 |
| Protection ground | $2 \times \mathrm{M} 4$ |
| Conductor cross-sections | Solid: $0,5 \ldots .1,5 \mathrm{~mm}{ }^{2}$ |
| Cable entry size | Litz wire with ferrules: $0,5 \ldots 1,5 \mathrm{~mm}^{2}$ |
| Weight including cover | $1 \times \mathrm{M} 20 \times 1,5$ |
| Protection type | $\approx 0,6 \mathrm{~kg}$ |


| ID for safety engineering | $2 \times 10^{6}$ cycles |
| :--- | :--- |
| B10d |  |


| Standards |  |
| :--- | :--- |
| VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 |  |
|  | VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 |
| DIN EN ISO 13849-1 |  |


| EU Conformity |  |
| :--- | :--- |
| acc. to directive 2014/35/EU |  |


| Approvals |  |
| :--- | :--- |
|  | DGUV |
|  | ${ }^{C C S A U S}$ A300 (same polarity) |
|  | CCC |

[^0]
[^0]:    Notes
    The specified protection classification (IP code) applies only when the cover is closed and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland.

