

Article number **6161000203**

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Mechanical data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| Enclosure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AL, die-cast                                                                                 |
| Protective guard (Accident protection cover UN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AL, die-cast                                                                                 |
| Actuatore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Foot level (PA)                                                                              |
| Ambient air temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -30°C ... +80°C                                                                              |
| Contact type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 N.C, 2 N.O (Zb)                                                                            |
| Shifting force                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | approx. 10N (pedal centre)                                                                   |
| Mechanical life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10x10 <sup>6</sup> operating cycles                                                          |
| Switching frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | max. 50/min                                                                                  |
| Assembly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 x M8                                                                                       |
| Connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Screw terminals (M3,5)                                                                       |
| Number of connections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6 (see switching symbols)                                                                    |
| Protection ground                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 x M4                                                                                       |
| Conductor cross-sections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Solid: 0,5 – 1,5mm <sup>2</sup><br>Wire with ferrules: 0,5 – 1,5mm <sup>2</sup>              |
| Cable entry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 x M20x1,5; 1 x tight cable gland M20x1,5<br>(tightness-range 6-12 mm)                      |
| Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | approx. 1,5kg                                                                                |
| Protection type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IP65 in accordance with IEC/EN 60529                                                         |
| <b>Regulations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VDE 0660 T100, DIN EN 60947-1, IEC 60947-1<br>VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 |
| <b>EU Conformity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CE                                                                                           |
| <b>Approvals</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BG<br>cCSA <sub>US</sub> , A300, Q300 (same polarity)                                        |
| <b>Safety function</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| Three stage safety footswitch with latch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
| The safety footswitch contacts are wired in series, this allows normal machine operation with the advantage of a safety latched „Emergency stop“ if the pedal is fully depressed.                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                              |
| <ol style="list-style-type: none"> <li>1. Rest-Machine stopped.</li> <li>2. Machine start is enabled by depressing pedal to the pressure point, this closed the normally open contacts 13-14 and contacts 33-34 one after another.</li> <li>3. In an emergency, the pedal is fully depressed (beyond the pressure point). The normally closed contacts 25-26 are force disconnected stopping the machine, simultaneously the latch engages and holds the contacts 25-26 in this “Emergency stop” status, preventing an unauthorised re-start of the machine.</li> </ol> |                                                                                              |
| „Safety for man and machine“                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| 3. Only after releasing the latch, by pressing the push button mounted in the side of the footswitch body, do the contacts reset allowing normal operation to resume.                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                              |
| <b>Notes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| 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.                                                                                                                                                                                                                                                                                                                                                                    |                                                                                              |

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