



## IDEM EMERGENCY STOP (E-STOP) SWITCHES GLES & GLES-SS

146001  
GLES M20 '4NC 2NO'

- Stainless steel (IP69K) or cast metal (IP67)
- 6 contact fields
- 4 cable connection positions
- 4NC 2NO contacts



### PRODUCT DESCRIPTION

### TECHNICAL DATA

|                                   |                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------|
| Annual usage                      | 8 cycles per hour/24 hours per day/365days                                                 |
| Approvals                         | EN60947-5-1, EN60947-5-5, EN62061, UL 508, ISO 13850, ISO 13849-1                          |
| ATEX approved                     | No                                                                                         |
| Conduit entry                     | M20                                                                                        |
| Contact type                      | EN60947-5-1 double break type Zb Snap Action up to 4NC (positive break)<br>2NO (Auxiliary) |
| Contacts                          | 4NC 2NO                                                                                    |
| Housing material                  | Die cast metal                                                                             |
| Integrated LED indication         | No                                                                                         |
| IP class                          | IP67                                                                                       |
| Material contacts                 | Silver                                                                                     |
| Mechanical reliability B10d       | 2.5x10 <sup>6</sup> operations at 100mA load                                               |
| Mounting                          | 4 x M5                                                                                     |
| MTTFd                             | 214 years                                                                                  |
| Operating temperature             | -25°C +80°C                                                                                |
| Operational rating                | 240V 3A                                                                                    |
| PFHd                              | <1.0 x 10 <sup>-7</sup>                                                                    |
| PL                                | up to PLe acc. ISO13849-1                                                                  |
| Rated insulation voltage          | 500V                                                                                       |
| Short circuit overload protection | Fuse externally 10A(FF)                                                                    |

|                                         |                          |
|-----------------------------------------|--------------------------|
| <b>SIL</b>                              | up to SIL 3 acc. EN62061 |
| <b>Thermal current (I<sub>th</sub>)</b> | 10 A                     |
| <b>Withstand voltage</b>                | 2500V                    |