



# IDEM EMERGENCY STOP (E-STOP) SWITCHES ESL-SS

232028-A  
ESL-SS(LP) 1/2"NPT '4NC' LED 24v

- Robust stainless steel emergency stop
- IP69K
- -25°C - 80°C
- 3 cable connection positions



## Product description

## Specifications

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| Annual usage              | 8 cycles per hour/24 hours per day/365 day                                                 |
| Approvals                 | EN60947-5-1, EN60947-5-5, EN62061, UL 508, ISO 13850, ISO 13849-1                          |
| Atex approved             | No                                                                                         |
| Central Material          | Stainless steel 316                                                                        |
| Conduit entry             | 1/2"NPT                                                                                    |
| Contact Type              | EN60947-5-1 double break type Zb Snap Action up to 4NC (positive break)<br>2NO (Auxiliary) |
| Contacts                  | 4NC                                                                                        |
| Integrated LED indication | Yes                                                                                        |
| IP Class                  | IP69K                                                                                      |
| LED Display               | Steady Green/Flashing Red                                                                  |
| LED supply voltage        | 24Vdc                                                                                      |
| Materials Contacts        | Silver                                                                                     |

|                                          |                                              |
|------------------------------------------|----------------------------------------------|
| <b>Mechanical reliability B10d</b>       | 2.5x10 <sup>6</sup> operations at 100mA load |
| <b>Mounting</b>                          | 4 x M4                                       |
| <b>MTTFd</b>                             | 214 years                                    |
| <b>Number of poles</b>                   | 4                                            |
| <b>Operating temperature</b>             | -25°C +80°C                                  |
| <b>Operational rating</b>                | 240v 3A                                      |
| <b>PFHd</b>                              | <1.0 x 10 <sup>-7</sup>                      |
| <b>Rated insulation voltage</b>          | 500V                                         |
| <b>Short circuit overload protection</b> | Fuse externally 10A(FF)                      |
| <b>Thermal current (Ith)</b>             | 10                                           |
| <b>Withstand voltage</b>                 | 2500V                                        |

