



## IDEM EXPLOSION PROOF EMERGENCY STOP SWITCHES ESL-SS

232030

ESL-SS(P)-Ex 3M '2NC 2NO'



- Stainless steel (IP69K)
- Working temperature: -20 ° C ... + 60 ° C
- 1NC 1NO, 2NC or 2NC 2NO contacts
- IP67/IP69K
- Explosion proof



### PRODUCT DESCRIPTION

### TECHNICAL DATA

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| 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             | Yes                                                                                        |
| Cable length              | 3 m                                                                                        |
| Conduit entry             | EX 3m                                                                                      |
| Contact type              | EN60947-5-1 double break type Zb Snap Action up to 4NC (positive break)<br>2NO (Auxiliary) |
| Contacts                  | 2NC 2NO                                                                                    |
| Housing material          | Stainless steel 316                                                                        |
| Integrated LED indication | No                                                                                         |
| IP class                  | IP69K                                                                                      |
| Material 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>                   | 8                                            |
| <b>Operating temperature</b>             | -20°C +60°C                                  |
| <b>Operational rating</b>                | 240v 3A                                      |
| <b>PFHd</b>                              | <1.0 x 10 <sup>-7</sup>                      |
| <b>PL</b>                                | up to PLe acc. ISO13849-1                    |
| <b>Rated insulation voltage</b>          | 500V                                         |
| <b>Short circuit overload protection</b> | Fuse externally 10A(FF)                      |
| <b>SIL</b>                               | up to SIL 3 acc. EN62061                     |
| <b>Weight</b>                            | 1395 g                                       |
| <b>Withstand voltage</b>                 | 2500V                                        |

