

# IDEM EXPLOSION PROOF EMERGENCY STOP SWITCHES GLES

146003  
GLES-Ex 3M '1NC 1NO'



- Atex
- Zone 1, 21, 2, 22
- IP67/IP69K
- Temperature range: -20°C ... +60°C



## Product description

## Specifications

|                                    |  |
|------------------------------------|--|
| <b>Annual usage</b>                | 8 cycles per hour/24 hours per day/365days   |
| <b>Approvals</b>                   | EN60947-5-1, EN60947-5-5, EN62061, UL 508, ISO 13850, ISO 13849-1                          |
| <b>Atex approved</b>               | Yes  |
| <b>Cable length</b>                | 3  |
| <b>Central Material</b>            | Die cast metal   |
| <b>Conduit entry</b>               | 3m 4 core Ex   |
| <b>Contact Type</b>                | EN60947-5-1 double break type Zb Snap Action up to 4NC (positive break)<br>2NO (Auxiliary) |
| <b>Contacts</b>                    | 1NC 1NO  |
| <b>Integrated LED indication</b>   | No   |
| <b>IP Class</b>                    | IP67   |
| <b>Materials Contacts</b>          | Silver   |
| <b>Mechanical reliability B10d</b> | 2.5x10 <sup>6</sup> operations at 100mA load   |

|  |                           |
|--|---------------------------|
| <b>Mounting</b>                          | 4 x M5                    |
| <b>MTTFd</b>                             | 214 years                 |
| <b>Operating temperature</b>             | -20°C +60°C               |
| <b>Operational rating</b>                | 240V 3A                   |
| <b>PFHd</b>                              | $<1.0 \times 10^{-7}$     |
| <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>Withstand voltage</b>                 | 2500V                     |

