



IDEM GLHD WIRE SWITCH

141002B-FZ

GLHD ½NPT '4NC 2NO' E Stop & LED 110V - -40°

- Up to 200 m for one switch
- 4 NC + 2 NO contacts
- 2 - color LED
- Integrated emergency button
- Available in the EX version



PRODUCT DESCRIPTION

GLHD wire switch in an aluminum alloy housing, was created to protect long conveyors, with a range of up to 200 m per one switch. The 2-color LED, signaling the operation of the switch, is visible from a large distance. This switch, combined with the GLHL and GLHR models, provides a range of up to 250 m per one set.

The GLHD wire switches are equipped with 4 NC contacts and 2 NO contacts.

TECHNICAL DATA

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| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | EN60947-5-5, ISO 13850, ISO 13849-1, EN62061, EN60947-5-1, UL 508, CE, cULus, TÜV |
| Conduit entry | 4 x 1/2" NPT |
| Contact type | EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary) |
| Contacts | 4NC 2NO |
| Fittings | E-stop and LED |
| Housing material | Die cast metal |
| Integrated emergency stop button | Yes |
| Integrated LED indication | Yes |
| IP class | IP67 |
| LED indication | Steady green/Flashing red |
| LED supply voltage | 110Vac |

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| Material contacts | Silver |
| Mechanical reliability B10d | 1.5 x 10 ⁶ operations at 100mA load |
| Mounting | 4 x M5 |
| MTTFd | 214 years |
| Operating temperature | -40°C +80°C |
| PFHd | <1.0 x 10 ⁻⁷ |
| Rope span | 250m dual head |
| Rope tension device | IDEM tensioner/gripper (quick fixing) |
| Rope type | 4.00mm outside diameter. Steel inner - PVC sheath |
| Short circuit overload protection | Fuse externally 10A(FF) |
| Tension force (typical mid setting) | 130 N |
| Termination | Clamp up to 2.5mm ² conductors |
| Thermal current (Ith) | 10 A |
| Typical operating force (rope pulled) | <125N <300mm deflection |
| Weight | 1350 g |

