



IDEM GLM WIRE SWITCH

143068B

GLM M20 '2NC 2NO' E Stop & LED 110V



- Up to 30 m on one switch
- 5 different contact configurations
- 2 - color LED
- Integrated emergency button



PRODUCT DESCRIPTION

The GLM wire switches in the aluminum alloy housing have been created as a high-quality system for securing short conveyors, with a range of up to 30 m per one switch. Using the two switches, the range increases to 50 m.

The 2-color LED, signaling the operation of the switch, is visible from a large distance. The GLM wire switch has 5 different contact configurations.

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 | 3 x M20 |
| Contact type | EN60947-5-1 double break type Zb. Snap action up to 4NC (positive break) 2NO (auxiliary) |
| Contacts | 2NC 2NO |
| Fittings | E-stop and LED |
| Housing material | Die cast metal |
| Integrated emergency stop button | Yes |
| Integrated LED indication | Yes |

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| IP class | IP67 |
| LED indication | Steady green/Flashing red |
| LED supply voltage | 110Vac |
| Mechanical reliability B10d | 1.5 x 10 ⁶ operations at 100mA load |
| Mounting | 4 x M5 |
| MTTFd | 214 years |
| Operating temperature | -25°C +80°C |
| PFHd | <1.0 x 10 ⁻⁷ |
| Rope span | Up to 50m (2 switches) 30m (1 switch) |
| 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 | 640 g |

