

## IDEM KLM-P2L LOCKING SWITCH

202024HF-SS

KLM-P2L M20 110V SS Head - HF actuator

- Electric locking
- 8 key entry positions
- LED indicator
- Locking force up to 2000 N
- Completely metal



### PRODUCT DESCRIPTION

Locking switch with locking system SAMOCK-KLM-P2L, made of cast metal, with locking force up to 2000N. The switch is completely metal and, as an option, is also available with a head made of stainless steel. The switch has 1 LED, which shows the status of the solenoid. It also has a rotatable head, which provides 8 key entry positions for easy and flexible mounting.

The KLM-P2L breaker has a standard distance between the fixing holes - 30 mm.

The switch is available in the version: voltage locking.

### TECHNICAL DATA

|                                     |  |
|-------------------------------------|--|
| Actuator                            | Heavy duty flexible  |
| Annual usage                        | 8 cycles per hour/24 hours per day/365 days                            |
| Approvals                           | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508        |
| Conduit entry                       | M20  |
| Contact type                        | 2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status |
| Contacts                            | 3NC 1NO  |
| Head material                       | Die cast metal   |
| Holding force (F1Max)               | 3000 N   |
| Housing material                    | Die cast metal   |
| IP class                            | IP67   |
| LED indication                      | LED status of solenoid power   |
| Maximum approach / withdrawal speed | 600 mm/s   |
| Mechanical reliability B10d         | 2.5 x 10 <sup>6</sup> operations at 100mA load                         |

|                             |                       |
|-----------------------------|-----------------------|
| Mounting                    | 4 x M5                |
| MTTFd                       | 356 years             |
| Operating temperature       | -25..40°C             |
| PFHd                        | $3.44 \times 10^{-8}$ |
| PL                          | e acc. ISO13849-1     |
| Rated insulation voltage    | 600V ac               |
| SIL                         | 3 acc. EN62061        |
| Solenoid Voltage            | 110V ac               |
| Thermal current (Ith)       | 5 A                   |
| Travel for positive opening | 10 mm                 |
| Utilisation category        | AC15, A300, 3 A       |
| Withstand voltage           | 2500V ac              |



8 Actuator Entry Positions  
Rotatable Head



FRONT ENTRY

Fixing Holes for M5 Screws (6 places)

END ENTRY





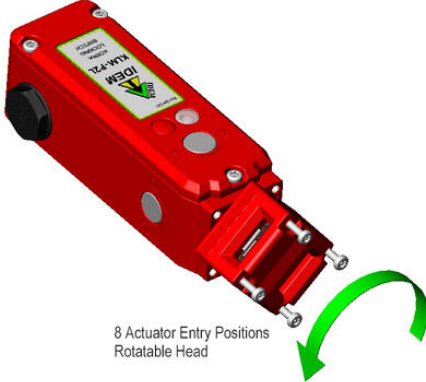


SAFETY CIRCUIT 21 22 43 44

SAFETY CIRCUIT 11 12 33 34

SOLENOID DE-ENERGISED GUARD OPEN

|       | 6.0  | 5.0                | 0mm             |
|-------|------|--------------------|-----------------|
| 11/12 | Open | Solenoid Energised |                 |
| 21/22 | Open | Solenoid Energised |                 |
| 33/34 | Open | Tongue Inserted    |                 |
| 43/44 |      | Open               | Tongue Inserted |



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