



## IDEM KLM-P2L LOCKING SWITCH

202021F

KLM-P2L M20 24V - flat 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

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



Standard



A1 24V dc A2

LED 1

SOLENOID

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



8 Actuator Entry Positions  
Rotatable Head



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