## **OEM Automatic Ltd**

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## **IDEM KLM-P2L LOCKING SWITCH**

202026F KLM-P2L QC 110V - 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.

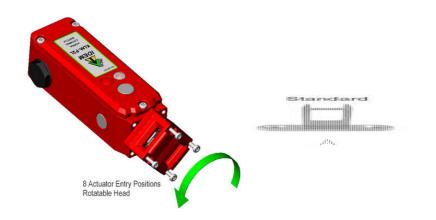
The KLM-P2L breaker has a standard distance between the fixing holes - 30 mm.

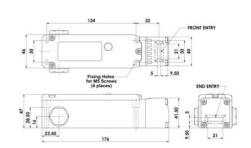
The switch is available in the version: voltage locking.

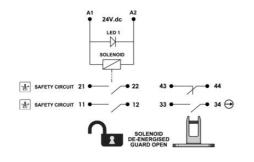
## **TECHNICAL DATA**

Annual usage 8 cycles per hour/24 hours per day/365 days  Approvals ISO 13849-1, ISO 14119, EN60204-1, EN60947-5-1, UL 508  Conduit entry M23 12 Pole  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			
Approvals  ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508  Conduit entry  M23 12 Pole  2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status  Contacts  3NC 1NO  Head material  Die cast metal  Holding force (F1Max)  Die cast metal  IP class  IP67  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Actuator	Flat	
Contact type  2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status  3NC 1NO  Head material  Die cast metal  Holding force (F1Max)  3000 N  Housing material  Die cast metal  Die cast metal  Die cast metal  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Annual usage	8 cycles per hour/24 hours per day/365 days	
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Contacts  Head material  Die cast metal  Holding force (F1Max)  Die cast metal  LED indication  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Conduit entry	M23 12 Pole	
Head material  Holding force (F1Max)  Die cast metal  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Contact type	2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status	
Holding force (F1Max)  Housing material  Die cast metal  IP class  IP67  LED indication  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Contacts	3NC 1NO	
Housing material  IP class  IP67  LED indication  LED status of solenoid power  Maximum approach / withdrawal speed  600 mm/s	Head material	Die cast metal	
IP class IP67  LED indication LED status of solenoid power  Maximum approach / withdrawal speed 600 mm/s	Holding force (F1Max)	3000 N	
LED indication  LED status of solenoid power  Maximum approach / withdrawal speed 600 mm/s	Housing material	Die cast metal	
Maximum approach / withdrawal speed 600 mm/s	IP class	IP67	
	LED indication	LED status of solenoid power	
Mechanical reliability B10d 2.5 x 10 <sup>6</sup> operations at 100mA load	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	-2540°C	
PFHd	3.44 x 10 <sup>-8</sup>	
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	

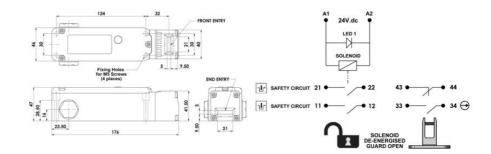


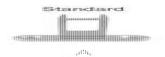




	0.0	5.0
11/12	Open	Solenoid Energised
21/22	Open	Solenoid Energised
33/34	Open	Tongue Inserted
43/44	Op	oen Tongue Inserted







	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