OEM AUTOMATIC

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IDEM KLM-P2L LOCKING SWITCH

202025-SS
KLM-P2L ½"NPT 110V SS Head

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

SAFETY SWITCHES

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.
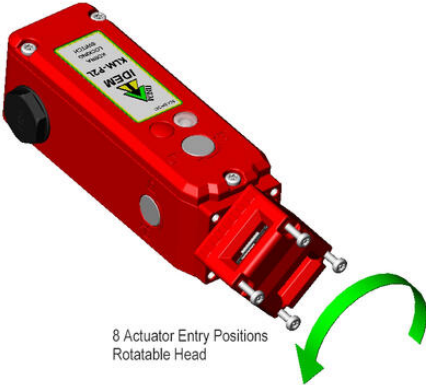The KLM-P2L breaker has a standard distance between the fixing holes - 30 mm.
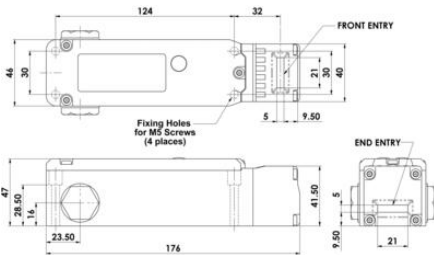The switch is available in the version: voltage locking.

TECHNICAL DATA

Actuator	Not included
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	1/2" NPT
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	2.5×10^6 operations at 100mA load

Mounting	4 x M5
MTTFd	356 years
Operating temperature	-25..40°C
PFHd	3.44×10^{-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

	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
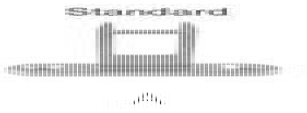
8 Actuator Entry Positions
Rotatable Head

FRONT ENTRY

124 32

46 30 21 30 40

5 9.50
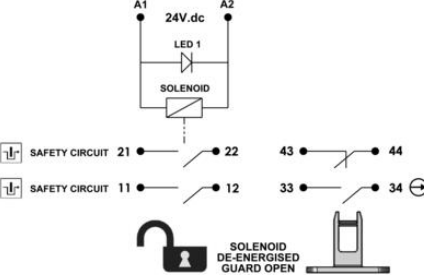
Fixing Holes
for M5 Screws
(4 places)

END ENTRY

47 28.50 16

23.50 176

41.50 5

9.50 21

A1 A2
24V.dc

LED 1
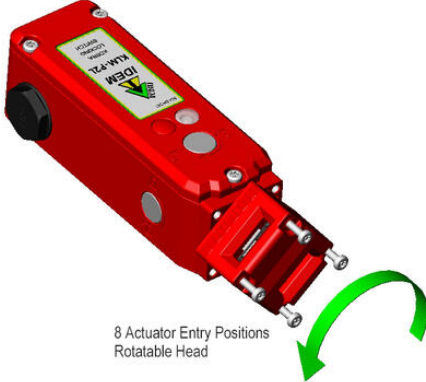
SOLENOID

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	