

## OEM Automatic Ltd

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## IDEM STAINLESS STEEL IP69K GUARD LOCKING SWITCH KL3-SS

205408HF KL3-SS ½NPT 230v (lid release) - HF actuator

- · Solenoid locking
- · Power solenoid to unlock
- Slim body 48mm wide x 177mm long
- 2 LEDs for solenoid and lock status
- Suitable for all industry applications IP69K





## PRODUCT DESCRIPTION

The KL3-SS Series guard locking switches have a rugged Stainless Steel 316 body and have been developed with a holding force of 2000N to keep medium to large guard doors closed until hazards have been removed.

They are designed in accordance with EHEDG guidelines for hygienic design (EHEDG European Hygienic Engineering & Design Group). The mirror-polished surface to Ra10 is designed to cope with direct food splash and cleaning found in the toughest applications of the Foor Processing industries.

They have IP69K enclosure protection and can be high pressure hosed with detergent at high temperature.

Designed with slim body under 50mm wide the KL3-SS series can be fitted to 50mm (2") frame sections or to applications where space is restricted.

The head will rotate to provide up to 8 actuator entry positions.

2 manual override points are provided (by using anti-tamper key).

## **TECHNICAL DATA**

Actuator	Heavy duty flexible	
Annual usage	8 cylces 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	4NC safety contacts, 1NO auxiliary contact (guard open)	
Contacts	4NC 1NO	
Head material	Stainless steel 316	
Holding force (F1Max)	3000 N	
Housing material	Stainless steel 316	

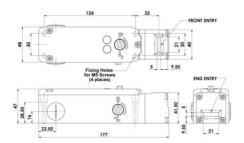
IP class	IP69K, IP67	
LED indication	LED1 solenoid power, LED2 lock status indication or 1NO auxiliary contact (lock open)	
LED supply voltage	24Vdc	
Manual operation	Manual release lid only	
Maximum approach / withdrawal speed	600 mm/s	
Mechanical reliability B10d	2.5 x 10 <sup>6</sup> operations at 100mA load	
Mounting	4 x M5	
MTTFd	356 years	
Operating temperature	-2550°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	230V ac	
Thermal current (Ith)	5 A	
Travel for positive opening	10 mm	
Utilisation category	AC15, A300, 3 A	
Withstand voltage	2500V ac	













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