



IDEM KLTM LOCKING SWITCH

450004HFH

KLTM (Mechanical Only) M20 110v - HFH Actuator

- Electric release
- 4 key entry positions
- 2 x LED indicator
- Locking force up to 2000 N
- Dimensions 105 mm x 150 mm



PRODUCT DESCRIPTION

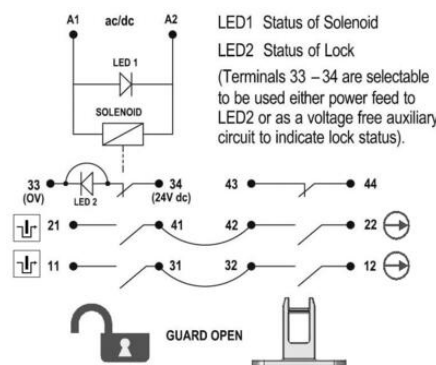
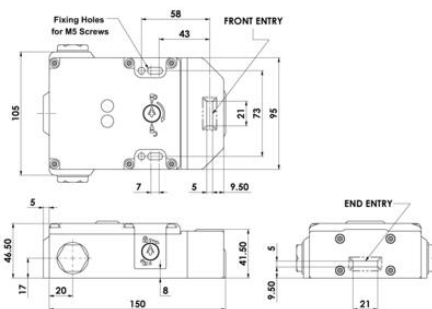
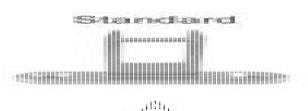
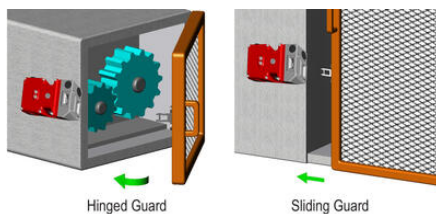
Locking switch with RAMZLOCK KLTM locking, made of cast metal, with locking force up to 2000N. The breaker head is made of stainless steel. The switch has 2 LEDs that show the status of the solenoid and the state of the blockage. It also has a rotatable head, which provides 4 key entry positions for easy and flexible mounting. The KLTM switch has a standard spacing between the mounting holes - 73 mm.

In the event of a voltage drop, the switch can be opened in an emergency without any special keys. The switch is available in the version: voltage release.

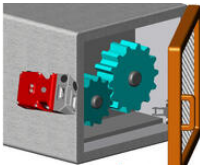
TECHNICAL DATA

Actuator	Heavy duty s/steel
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	4NC safety contacts, 1NO auxiliary contact (guard open), 1NO auxiliary contact (guard locked) (selectable option for LED2 guard locked)
Contacts	4NC 2NO
Head material	Stainless steel 316
Holding force (F1Max)	3000 N
Housing material	Die cast metal

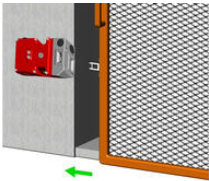
IP class	IP67
LED indication	LED1 red solenoid power on, LED2 green switch locked (if selected)
Manual operation	Standard manual release lid and side
Maximum approach / withdrawal speed	600 mm/s
Mechanical reliability B10d	2.5 x 10 ⁶ operations at 100mA load
Mounting	2 x M5
MTTFd	356 years
Operating temperature	-25..40°C
PFHd	3.44 x 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



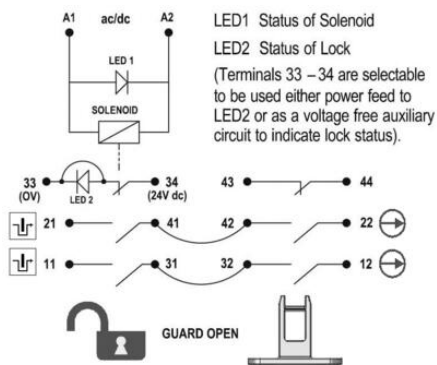
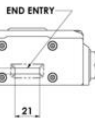
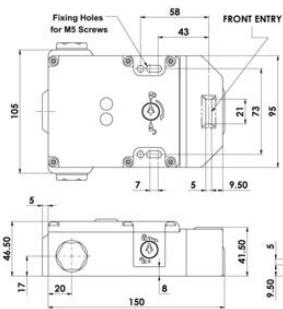
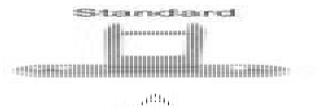
	6.0	5.0	0mm
11/12	Open		
21/22	Open		
33/34			Open
43/44			Open



Hinged Guard



Sliding Guard



	6.0	5.0	0mm
11/12	Open		
21/22	Open		
33/34			Open
43/44			Open