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IDEM KLTM-RFID LOCKING SWITCH

450201
KLTM-RFID (Uniquely coded) M20 24v (Front/End Lower)



- Electric release
- 2 x LED indicator
- Locking force up to 2000 N
- Dimensions 105 mm x 150 mm
- Built-in RFID sensor

PRODUCT DESCRIPTION

Locking switch with RAMZLOCK KLTM-RFID locking with built-in RFID sensor ensuring the highest level of safety PL e according to EN ISO 13849-1. The switch has 4 NC safety contacts and 2 PNP signal outputs. It is 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, the status of the interlock and faults. The KLTM-RFID switch has a standard distance 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	Uniquely coded actuator
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 PNP signal (guard open), 1NO auxiliary PNP signal (guard locked)
Contacts	4NC 2NO
Head material	Stainless steel 316
Holding force (F1Max)	3000 N
Housing material	Die cast metal
Integrated LED indication	Yes
IP class	IP67
LED indication	LED1 red solenoid power on, LED2 green switch locked, LED2 yellow diagnostic fault
Manual operation	Manual release lid only

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°C ... +40°C
PFHd	3.44 x 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











