



## 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

<b>Housing material</b>	Die cast metal
<b>Integrated LED indication</b>	Yes
<b>IP class</b>	IP67
<b>LED indication</b>	LED1 red solenoid power on, LED2 green switch locked, LED2 yellow diagnostic fault
<b>Manual operation</b>	Manual release lid only
<b>Maximum approach / withdrawal speed</b>	600 mm/s
<b>Mechanical reliability B10d</b>	2.5 x 10 <sup>6</sup> operations at 100mA load
<b>Mounting</b>	2 x M5
<b>MTTFd</b>	356 years
<b>Operating temperature</b>	-25°C ... +40°C
<b>PFHd</b>	3.44 x 10 <sup>-8</sup>
<b>PL</b>	e acc. ISO13849-1
<b>Rated insulation voltage</b>	600V ac
<b>SIL</b>	3 acc. EN62061
<b>Solenoid Voltage</b>	24V dc
<b>Thermal current (Ith)</b>	5 A
<b>Travel for positive opening</b>	10 mm
<b>Utilisation category</b>	AC15, A300, 3 A
<b>Withstand voltage</b>	2500V ac

