



## 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

<b>Actuator</b>	Uniquely coded actuator
<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508
<b>Conduit entry</b>	M20
<b>Contact type</b>	4NC safety contacts, 1NO auxiliary PNP signal (guard open), 1NO auxiliary PNP signal (guard locked)
<b>Contacts</b>	4NC 2NO
<b>Head material</b>	Stainless steel 316
<b>Holding force (F1Max)</b>	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>	$2.5 \times 10^6$ 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>	$3.44 \times 10^{-8}$
<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

