

KM

KM QC M23 12way '2NC 1NO' SS head - std actuator



- Robust die cast housing
- Slim fitting designed for where impact resistance is required
- Available with die cast or stainless steel head
- 8 Actuator entry positions- rotatable head
- IP67 ingress protection rating



Features

IDEM KM Interlock switches are designed to provide position interlock detection for medium to heavy duty moving guards

They have robust die-cast housings and are designed to fit to the leading edge of sliding, hinged or lift off machine guards. They provide a forced disconnect of the safety contacts at the withdrawal of the actuator and have an anti-tamper mechanism

The rotatable heads have dual actuator entry positions to give up to 8 different entry positions. For extra durability, Flexible Actuators and Stainless Steel head versions are available



Functional specifications

- Positive Break Contacts to EN60947-5-1
- High Functional Safety to ISO13849-1
- 3 pole, 4 pole or Explosion Proof Contact Blocks
- Stainless Steel Head version available
- Connects to most Safety Relays to give up to PLe Cat.4
- Industry Standard Fitting: 40mm wide 118mm long 30mm fixing

Specifications

Actuator	Standard
Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
Atex approved	No
Central Material	Die cast metal
Conduit entry	M23 12 Pole
Contacts	2NC 1NO
Head material	Stainless steel 316
IP Class	IP67
Maximum approach / withdrawal speed	600
Mechanical reliability B10d	2.5 x 10 ⁶ operations at 100mA load
Mounting	4 x M5
MTTFd	356 years
Operating temperature	-25..80°C
PFHd	3.44 x 10 ⁻⁸
PL	e acc. ISO13849-1
Rated insulation voltage	500V ac
SIL	3 acc. EN62061
Thermal current (I_{th})	5
Travel for positive opening	8
Withstand voltage	2500V ac





