

KP

KP 1/2NPT '4NC' - HF Actuator



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- The image shows a red, rectangular safety interlock switch, model KOBRA-KP, manufactured by IDEM. The device has a robust, industrial design with a textured surface. A label on the front provides technical specifications: 240V 5A 50-60Hz, 0.675 EN60959-2-1, and a serial number 84741. It also features a CE mark and a warning symbol. The top of the device has a small, dark rectangular window.

The head can be rotated to give 4 actuator entry positions. For extra durability, Flexible Actuators and Stainless Steel head versions are available



- 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: 52mm wide 98mm long 40mm fixing

Specifications

Actuator	Heavy duty flexible
Annual usage	8 cycles per day/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	Polyester
Conduit entry	1/2" NPT
Contacts	4NC
Head material	Polyester
IP Class	IP67
Maximum approach / withdrawal speed	600
Mechanical reliability B10d	2.5 x 10 ⁶ operations at 100mA load
Mounting	2 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 (Ith)	5
Withstand voltage	2500V ac





