

## IDEM - NON-CONTACT SWITCH CODED WITH KPC

120004

KPC 2M Left '2NC 1NO' with LED

- Switching range - 10 mm
- Magnetically coded
- No dedicated controller
- LED indicator
- Dimensions 52 mm x 98 mm



### PRODUCT DESCRIPTION

Coded magnetic switch KPC, made of plastic (polyester), industrial size 52 mm x 98 mm and high tolerance, which is suitable for applications on hinged, sliding or removable doors. The switch has a standard spacing of 40 mm fixing holes and is particularly useful when it is difficult to align the cover when using key switches and in the case of the required long service life of the device (no moving or touching parts). The KPC circuit breaker has 2NC 1NO semiconductor outputs.

### TECHNICAL DATA

|                           |   |
|---------------------------|---|
| Approvals                 | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| Cable length              | 2 m   |
| Cable type                | PVC 6 or 8 core 6mm OD conductors 0.25mm <sup>2</sup>           |
| Coding                    | Coded magnetic actuation  |
| Conductor size            | 0.25 mm <sup>2</sup>  |
| Contact rating max        | 24Vdc 0.2A  |
| Contacts                  | 2NC 1NO   |
| Housing material          | Polyester   |
| Integrated LED indication | Yes   |
| IP class                  | IP67  |
| Mounting                  | 2 x M5  |
| MTTFd                     | 866 years   |

|                          |                              |
|--------------------------|------------------------------|
| Operating temperature    | -25..80°C                    |
| PFHd                     | 8.71 x 10 <sup>-11</sup>     |
| PL                       | e acc. ISO13849-1            |
| Recommended mounting gap | 5 mm                         |
| SIL                      | 3 acc. EN62061               |
| Switching current min    | 10Vdc 1mA                    |
| Switching distance       | Sao 8mm close, Sar 20mm open |
| Switching frequency max  | 1.0Hz maximum                |

