KEN1M2120F
SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO. SOLENOID CONTACTS 2NC+1NO.

|  |  |  |
| :---: | :---: | :---: |
| Product designation |  | Safety switches with solenoid |
| Product type designation |  | KEN1 |
| General characteristics |  |  |
| General characteristics |  |  |
| Housing Material |  | Polymer thermoplastic |
| Contact characteristics |  |  |
| Type of contact |  | $\begin{aligned} & \text { 1NO (Key), } \\ & \text { 2NC+1NO } \\ & \text { (Solenoid) } \\ & \hline \end{aligned}$ |
| Thermal current lth | A | 10 |
| IEC/EN 60947-5-1 designation |  | A300 Q300 |
| Rated insulation voltage Ui | V | 250 |
| Rated impulse withstand voltage Uimp | kV | 2.5 |
| Short-circuit protection with fuse | Class/A | 10 gG |
| IEC Conventional free air thermal current Ith | A | 10 |
| Operations |  |  |
| Mechanical life | cycles | 1000000 |
| B10d | cycles | 4000000 |
| Mechanical operation | cycles/h | 600 |
| Output characteristics |  |  |
| Mechanical life | cycles | 1000000 |
| Mechanical features |  |  |
| Operating head fixing |  | Screwed |
| Operating torque |  |  |
|  | N | 15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) |

Tightening torque (Max)
Switch fixing

|  | Nm | 2.5 |
| :--- | :---: | :---: |
| Contact terminals | Nm | 0.8 |
| Body lid screw fixing | Nm | 0.8 |

Conductor section

|  | $\begin{gathered} \min \\ \max \end{gathered}$ | $\begin{aligned} & \mathrm{mm}^{2} \\ & \mathrm{~mm}^{2} \end{aligned}$ | $\begin{aligned} & 1 \text { or } 2 \\ & 1.5 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Cable connection |  |  | Self-releasing screw terminal |
| Cable entry |  |  | $3 \times \mathrm{M} 20$ |

KEN1M2120F
SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO. SOLENOID CONTACTS 2NC+1NO. SOLENOID SUPPLY 120VAC/DC

| Weight |  |  | g | 440 |
| :---: | :---: | :---: | :---: | :---: |
| Ambient conditions |  |  |  |  |
| Pollution degree |  |  |  | 3 |
| Temperature |  |  |  |  |
|  | Operating temperature |  |  |  |
|  |  | max | ${ }^{\circ} \mathrm{C}$ | +55 |
|  | Storage temperature |  |  |  |
|  |  | min | ${ }^{\circ} \mathrm{C}$ | -40 |
|  |  | max | ${ }^{\circ} \mathrm{C}$ | +70 |
| Dimensions |  |  |  |  |



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Certifications and compliance
Compliance

|  | CSA C22.2 ${ }^{\circ} 14$ |  |
| :---: | :---: | :---: |
|  | IEC/EN 60204 |  |
|  | IEC/EN 60947-1 |  |
|  | IEC/EN 60947-5-1 |  |
|  | UL508 |  |
|  | UNI EN ISO 14119 |  |
| Certificates |  |  |
|  | cULus |  |
|  | EAC |  |
| ETIM classification |  |  |
| ETIM 8.0 |  | EC000030 - End switch |


[^0]:    Wiring diagrams

