# KEN1M3120F

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

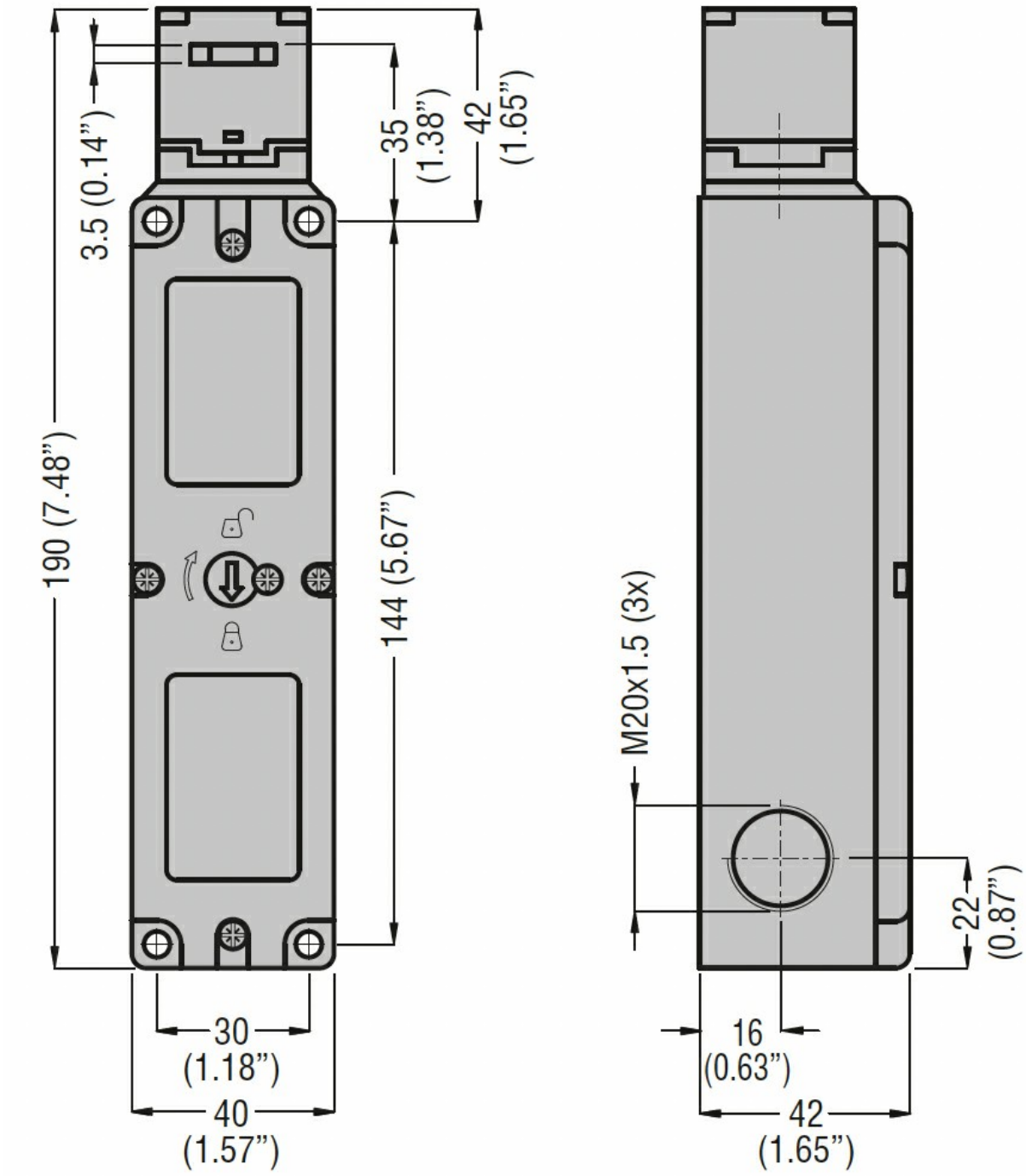


| | | | | |
|---|---|---|---|---|
| **General characteristics** | | | | |
| **General characteristics** | | | | |
| Housing Material | | | | Polymer thermoplastic |
| **Contact characteristics** | | | | |
| Type of contact | | | | 1NO+1NC (Key), 2NC (Solenoid) |
| Thermal current Ith | | | A | 10 |
| 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 ≤ 40°C | | | 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 | | | | |
| | IEC | | | |
| | | min | mm² | 1 or 2 |
| | | max | mm² | 1.5 |
| Cable connection | | | | Self-releasing screw terminal |
| Cable entry | | | | 3 x M20 |
| Weight | | | g | 440 |
| **Ambient conditions** | | | | |
| Pollution degree | | | | 3 |
| Temperature | | | | |


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| | | | |
|---|---|---|---|
| Operating temperature | | | |
| | max | °C | +55 |
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |

## Dimensions

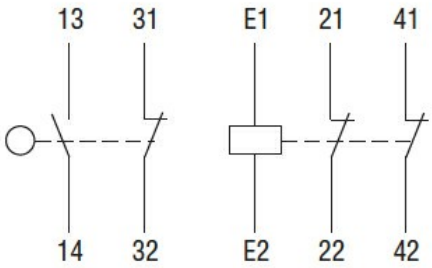



## Wiring diagrams


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## Certifications and compliance

Compliance

| |
|---|
| CSA C22.2 n°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 |


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