



Product designation

Top push rod  
plunger

Product type designation

KMA

### General characteristics

Material

Housing

Aluminium-zinc  
alloy

Rod

Aluminium-zinc  
alloy

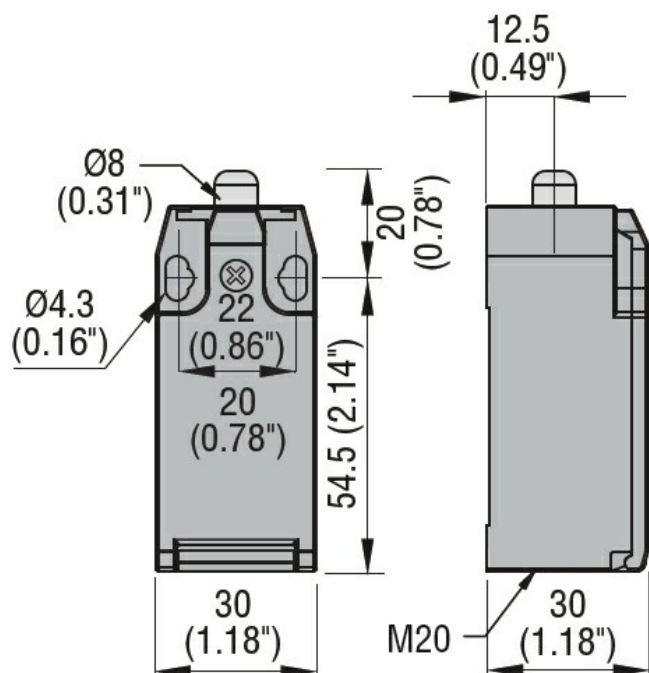
### Contact characteristics

|                                                           |            |                          |
|-----------------------------------------------------------|------------|--------------------------|
| Type of contact                                           |            | 2NC Slow action          |
| Thermal current I <sub>th</sub>                           | A          | 10                       |
| IEC/EN 60947-5-1 designation                              |            | A300 Q300                |
| Rated insulation voltage U <sub>i</sub>                   | V          | 440                      |
| Rated impulse withstand voltage U <sub>imp</sub>          | kV         | 4                        |
| Insulation class                                          |            | II                       |
| Short-circuit protection with fuse                        | Class/A    | 10 gG/SC<br>QUICK FUSE   |
| Switching speed                                           | min<br>max | m/s<br>m/s<br>0.5<br>1.5 |
| IEC Conventional free air thermal current I <sub>th</sub> | A          | 10                       |
| Resistance per pole (average value)                       | m?         | <10                      |

### Mechanical features

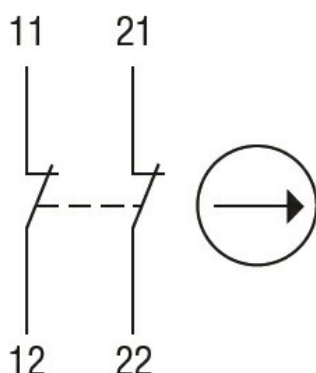
|                         |            |                                                    |
|-------------------------|------------|----------------------------------------------------|
| Operating head fixing   |            | Locking bayonet<br>insert                          |
| Operating torque        | N<br>lb    | 5<br>1.1                                           |
| Tightening torque (Max) |            |                                                    |
| Switch fixing           | Nm<br>lbin | 2.5<br>22.1                                        |
| Contact terminals       | Nm<br>lbin | 0.8<br>7                                           |
| Body lid screw fixing   | Nm<br>lbin | 0.8<br>7                                           |
| Conductor section       |            |                                                    |
| AWG/Kcmil               | min<br>max | 16<br>14                                           |
| IEC                     | min<br>max | mm <sup>2</sup><br>mm <sup>2</sup><br>1or 2<br>2.5 |

|                         |  |     |                               |           |
|-------------------------|--|-----|-------------------------------|-----------|
| Cable connection        |  |     | Self-releasing screw terminal |           |
| Cable entry             |  |     | M20 on the bottom             |           |
| Operations              |  |     |                               |           |
| Mechanical life         |  |     | cycles                        | <10000000 |
| Mechanical operation    |  |     | cycles/h                      | 3600      |
| Ambient conditions      |  |     |                               |           |
| Temperature             |  |     |                               |           |
| Operating temperature   |  | min | °C                            | -25       |
|                         |  | max | °C                            | +70       |
| Storage temperature     |  | min | °C                            | -40       |
|                         |  | max | °C                            | +70       |
| Resistance & Protection |  |     |                               |           |
| IP degree               |  |     |                               |           |
|                         |  |     | Terminals                     | IP20      |
|                         |  |     | Body housing                  | IP65      |
| Pollution degree        |  |     | 3                             |           |
| Dimensions              |  |     |                               |           |



## Wiring diagrams

## Slow action



**2NC**

### Certifications and compliance

#### Compliance

CSA C22.2 n° 14  
EN 50047  
IEC/EN 60204-1  
IEC/EN 60947-1  
IEC/EN 60947-5-1  
UL508

#### Certificates

CCC  
cULus  
EAC

### ETIM classification

ETIM 8.0

EC000030 - End  
switch