

K-Switch 22 2NO 1x90° M12(4)

Keylock switch 1x90° locked

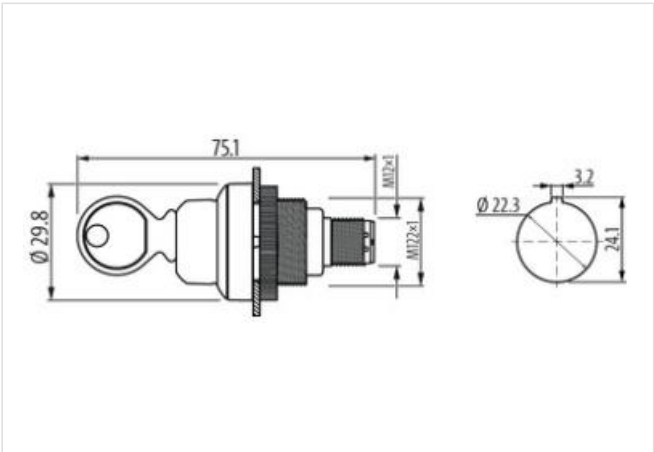
K-Switch 22 2NO 1x90° M12(4)  
Keylock switch 1x90° locked  
Mounting hole 22,3 mm  
Connection M12 (4-pin)

Link to Product

Illustration



Product may differ from Image



Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.1            | 27371243      |
| ECLASS-7.0            | 27371243      |
| ECLASS-8.0            | 27371243      |
| ECLASS-9.0            | 27371243      |
| ECLASS-10.1           | 27371243      |
| ECLASS-11.1           | 27371243      |
| ECLASS-12.0           | 27371243      |
| ETIM-5.0              | EC001029      |
| customs tariff number | 85365080      |
| GTIN                  | 4048879595131 |
| Packaging unit        | 1             |

Electrical data | Supply

|                               |       |
|-------------------------------|-------|
| Rated operating voltage AC-15 | 35 V  |
| Rated operating voltage DC-13 | 35 V  |
| Rated operating current       | 0,1 A |

Electrical data | Input

|                       |        |
|-----------------------|--------|
| Short-circuit current | 1000 A |
|-----------------------|--------|

Electrical data | Output

|                           |        |
|---------------------------|--------|
| Switching power max.      | 0,25 W |
| Voltage switching AC min. | 1 V    |

|                                      |        |
|--------------------------------------|--------|
| Switching voltage AC max.            | 32 V   |
| Switching voltage AC max. (UL 60947) | 30 V   |
| Voltage switching DC min.            | 1 V    |
| Switching voltage DC max.            | 32 V   |
| Switching voltage DC max. (UL 60947) | 30 V   |
| Switching current min.               | 1 mA   |
| Switching current max.               | 100 mA |

**Installation | Connection**

|                          |     |
|--------------------------|-----|
| Family construction form | M12 |
|--------------------------|-----|

**Installation | Pin assignment**

|              |   |
|--------------|---|
| Coding       | A |
| No. of poles | 4 |

**Device protection | Electrical**

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| Installation height max. ASL              | 2000 m                               |
| Degree of protection front (EN IEC 60529) | IP65                                 |
| Degree of protection back (EN IEC 60529)  | IP65                                 |
| Pollution Degree                          | 2                                    |
| Short circuit protective device (SCPD)    | fuse 250 V / 0.1 A / 1.5 kA gG quick |
| Rated insulation voltage                  | 250 V                                |
| Overvoltage category (EN 60950-1)         | II                                   |

**Device protection | Mechanical**

|                                     |              |
|-------------------------------------|--------------|
| Mechanical endurance                | 50000 Cycles |
| Mechanical endurance B10            | 62627 Cycles |
| UL enclosure type rating front side | type 4X      |

**Device protection | Media**

|                                        |     |
|----------------------------------------|-----|
| Salt-spray resistance (IEC 60068-2-11) | yes |
|----------------------------------------|-----|

**Mechanical data**

|                      |          |
|----------------------|----------|
| Can be illuminated   | no       |
| Actuating function   | latching |
| Actuating force max. | 1,3 N    |
| Color                | black    |
| Color collar         | black    |
| Color front ring     | black    |
| Shape collar         | round    |
| Contact type         | 2 S      |

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Material housing | Plastic |
| Material contact | Gold    |

**Mechanical data | Mounting data**

|                     |               |
|---------------------|---------------|
| Mounting method     | Threaded ring |
| Installation height | 45 mm         |
| Mounting depth      | 36,4 mm       |
| Mounting hole       | 22,3 mm       |
| Height              | 29,8 mm       |
| Width               | 75,1 mm       |
| Grid min.           | 30 mm         |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -40 °C |
| Operating temperature max. | 85 °C  |
| Derating from              | 40 °C  |
| Storage temperature min.   | -40 °C |

|                                    |        |
|------------------------------------|--------|
| Storage temperature max.           | 90 °C  |
| Relative humidity max. (operation) | 93 %   |
| <b>Connection type 1</b>           |        |
| Family construction form           | M12    |
| Gender                             | male   |
| Color contact carrier              | black  |
| Coding                             | A      |
| No. of poles                       | 4      |
| PIN 1                              | NO 1 2 |
| PIN 2                              | NO 1   |
| PIN 4                              | NO 2   |