OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# JOYSTICKS

## Joystick heads & contacts

LM11
Joystick Contact Block 1 x N/O 1 x N/C



- Mounts in Ø22.5 mm hole
- 2 or 4 way plus centre off
- Stable or spring return
- Centre position latched or unlatched

### PRODUCT DESCRIPTION

Joystick heads are available in 2 or 4 way, stable or spring return and with latched (button to release) or non latched centre off. All heads come with a 3 position contact holder clip but the M11 contact blocks must be ordered separately.

The joystick heads require a special contact block (M11) that has 2 x N/O electrical contacts. The contacts will always be open when the head is in the centre off position and will close respectively in each of 2 positions.

A 2 way joystick can have 1 or 2 x M11 contact blocks to achieve 1 or 2 separate closed contacts in each of the 2 positions respectively excluding the centre off position.

A 4 way joystick requires 2 x M11 contact blocks to achieve a separate closed contact in each of the 4 positions excluding the centre off position.

# TECHNICAL DATA

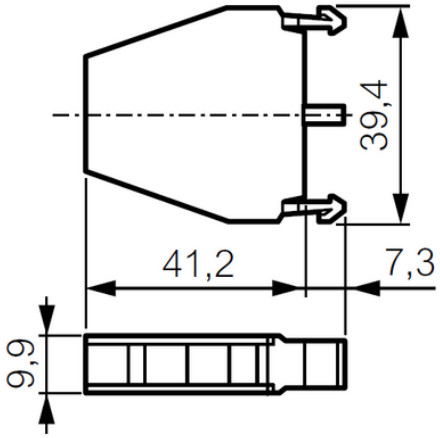
| | |
|---|---|
| **Contact type** | 2 x N/O |

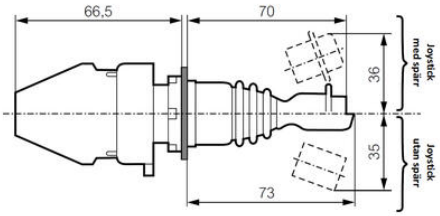
| | |
|---|---|
| **Conventional free air thermal current Ith** | 10 A |
| **Rated operating current Ie (AC15/380V)** | 2 A |
| **Rated operating current Ie (AC15/600V)** | 1.2 A |

| | |
|---|---|
| **Rated insulation voltage Ui** | 690 V |

| | |
|---|---|
| **IP class** | IP20 |
| **Temperature operational min** | -30 °C |
| **Temperature operational max** | 70 °C |

| | |
|---|---|
| **Storage temperature min** | -40 °C |
| **Storage temperature max** | 70 °C |
| **Approvals** | BV, CB, CCC, CE, UL |
| **Recommended tightening torque** | 0.9 |
| **Climatic resistance - cyclic damp heat** | IEC 60068-2-30 |
| **Climatic resistance - sea air** | IEC 60068-2-52 |
| **Climatic resistance - constant humid heat** | IEC 60068-2-3 |
| **Rated impulse withstand voltage Uimp (Overvoltage cat III - Pollution 3)** | 4 kV |




Kontaktfunktion 3-läges joystick

| | | | A | O | B |
|---|---|---|---|---|---|
| LM11 | 13 | 14 | X | | |
| | 11 | 12 | | | X |
| LM11 | 23 | 24 | | | X |
| | 21 | 22 | X | | |

Kontaktfunktion 5-läges joystick

| | | | A | C | O | B | D |
|---|---|---|---|---|---|---|---|
| LM11 | 13 | 14 | | X | | | |
| | 11 | 12 | | | | | X |
| LM11 | 23 | 24 | | | | X | |
| | 21 | 22 | X | | | | |

