



## MJ 064-30Y

- Metal enclosure
- 3 or 4 Contacts
- 2 cable entries M 25 x 1.5
- 184 mm x 111 mm x 149 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°

### Data

#### Ordering data

|                            |             |
|----------------------------|-------------|
|                            | MJ 064-30Y  |
|                            | 101056941   |
| eCl@ss number, Version 9.0 | 27-27-06-01 |

#### General data

|                                      |                            |
|--------------------------------------|----------------------------|
| Product name                         | 064 offset roller lever J  |
|                                      | EN 60947-5-1               |
| Active principle                     | mechanical                 |
| Slide form                           | Castor                     |
| Enclosure material                   | Grey cast iron, galvanised |
| Enclosure coating material           | painted                    |
| Material of the contacts, electrical | Silver                     |
| Roller material                      | Plastic                    |
| Gross weight                         | 3,835 g                    |

#### General data - Features

|                    |   |
|--------------------|---|
| Number of shutters | 3 |
|--------------------|---|

#### Safety appraisal - Safety outputs

|                                   |                      |
|-----------------------------------|----------------------|
| B10d Normally-closed contact (NC) | 2,000,000 Operations |
|-----------------------------------|----------------------|

#### Mechanical data

|                          |                     |
|--------------------------|---------------------|
| Actuating element        | Offset roller lever |
| Mechanical life, minimum | 30,000 Operations   |

|                                            |                                                              |
|--------------------------------------------|--------------------------------------------------------------|
| Actuating angle, from left of switch axis  | 30 °                                                         |
| Actuating angle, from right of switch axis | 45 °                                                         |
| Contact opening                            | 2 x 4 mm                                                     |
| Actuating speed, minimum                   | 600 mm/min                                                   |
| Actuating speed, maximum                   | 1 m/s                                                        |
| Note (Actuating speed)                     | Actuating speed with vertical actuating angle to switch axis |

#### Mechanical data - Connection technique

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| Terminal Connector   | Screw connection<br>1.5 mm <sup>2</sup><br>4 mm <sup>2</sup>                  |
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |
| Wire cross-section   | 11 AWG                                                                        |

#### Mechanical data - Dimensions

|                    |        |
|--------------------|--------|
| Height of sensor   | 90 mm  |
| Length of sensor   | 149 mm |
| Width of Castor    | 9 mm   |
| Diameter of Castor | 36 mm  |

#### Ambient conditions

|                              |                       |
|------------------------------|-----------------------|
| Protection class             | IP 65 to IEC/EN 60529 |
| Ambient temperature, minimum | -30 °C                |
| Ambient temperature, maximum | +90 °C                |

#### Ambient conditions - Insulation value

|                                 |      |
|---------------------------------|------|
| Rated impulse withstand voltage | 6 kV |
|---------------------------------|------|

#### Electrical data

|                            |                                                 |
|----------------------------|-------------------------------------------------|
| Thermal test current       | 25 A                                            |
| Utilisation category AC-15 | 400 VAC                                         |
| Utilisation category AC-15 | 25 A                                            |
| Switching element          | Normally open contact (NO)<br>with double break |
| Note (Switching element)   | galvanically separated contact bridges          |
| Switching principle        | Snap switch element                             |
| Switching frequency        | 1,000 /h                                        |

## Notes

Note (General) Actuation from the right should be avoided, since this reduces the mechanical life of the position switch.

## Ordering code

Product type description:

T(1) 064-(2)Y-(3)

(1)

**S** Plunger S

**J** Offset roller lever J

**X** Offset roller lever X

(2)

**03** 3 NC contact

**12** 1 NO contact/2 NC contacts

**21** 2 NO contacts/1 NC contact

**30** 3 NO contacts

**04** 4 NC contact

**13** 1 NO contacts/3 NC contact

**22** 2 NO contacts/2 NC contact

**31** 3 NO contacts/1 NC contact

**40** 4 NO contacts

(3)

**UE** Slow action with overlapping contacts

**H** Slow action with staggered contacts

**R** Latching 2 x 45°

## Pictures

### Photo/Product/Catalogue



ID: ktm-jf01

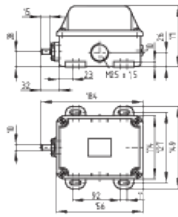
| 39,6 kB | .png | 74.083 x 79.375 mm - 210 x 225

Pixel - 72 dpi

| 485,7 kB | .jpg | 352.425 x 377.825 mm - 999 x 1071

Pixel - 72 dpi

## Dimension/Product/Basic



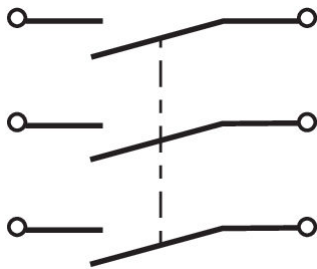
ID: 1t-64g01

| 8,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

| 103,5 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi

| 33,2 kB | .cdr |

## Graphic/Product/Contact

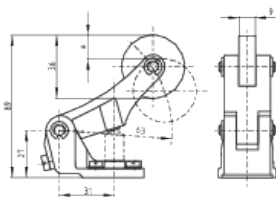


ID: k--3sk02

| 18,4 kB | .cdr |

| 63,5 kB | .jpg | 352.778 x 299.508 mm - 1000 x 849 Pixel - 72 dpi

## Dimension/Product/Actuator



ID: 1tm-jb01

| 115,7 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi

| 11,4 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

## Illustration/Product/Function



ID: 235rz03

| 131,9 kB | .jpg | 352.778 x 773.642 mm - 1000 x 2193 Pixel - 72 dpi

| 15,5 kB | .cdr |

| 2,7 kB | .png | 74.083 x 162.278 mm - 210 x 460 Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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