



## WKTE52

- without Locking sleeve
- 8 Contacts
- Mounting depth 91 mm
- 4 switch position
- Mounting hole 30.5 mm
- Mounting mounting flange
- up to 10 mm front plate thickness

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| Product type description      | WKTE52        |
| Article number (order number) | 101019461     |
| EAN (European Article Number) | 4030661611082 |
| eCl@ss number, version 9.0    | 27-37-14-04   |
| eCl@ss number, version 11.0   | 27-37-14-04   |
| eCl@ss number, version 12.0   | 27-37-14-04   |
| ETIM number, version 7.0      | EC000632      |
| ETIM number, version 6.0      | EC000632      |

### Approvals - Standards

|              |       |
|--------------|-------|
| Certificates | cURus |
|--------------|-------|

### General data

|                                           |                                                                                                              |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Standards                                 | EN IEC 60947-1<br>EN IEC 62061<br>EN IEC 60947-5-1<br>EN IEC 60947-5-3<br>EN IEC 60947-5-5<br>EN IEC 60204-1 |
| Climatic stress                           | IEC/EN 60068-2-20                                                                                            |
| Installation conditions (mechanical)      | arbitrarily                                                                                                  |
| Material of the front ring                | Aluminium - anodised                                                                                         |
| Material of the bellows                   | Rubber                                                                                                       |
| Material thickness of the sealing bellows | 1 mm                                                                                                         |
| Colour of the front ring                  | Silver                                                                                                       |
| Colour of the bellows                     | Black                                                                                                        |
| Gross weight                              | 230 g                                                                                                        |

### General data - Features

|                                            |     |
|--------------------------------------------|-----|
| Return to zero position                    | Yes |
| External applications                      | Yes |
| Galvanically separated contact bridges     | Yes |
| Probing possible                           | Yes |
| Number of auxiliary contacts               | 8   |
| Number of directions                       | 4   |
| Number of normally open (NO) per direction | 2   |
| Number of switch positions                 | 4   |
| Number of switching stages                 | 4   |

### Mechanical data

|                          |                                  |
|--------------------------|----------------------------------|
| Latching position        | right<br>left<br>bottom<br>above |
| Mechanical life, minimum | 1,000,000 Operations             |
| Actuating force, approx. | 11 N                             |
| Mounting                 | mounting flange                  |

## Mechanical data - Connection technique

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Termination            | Screw terminals M20 x 1.5                         |
| Cable section, minimum | 0.5 mm <sup>2</sup>                               |
| Cable section, maximum | 2.5 mm <sup>2</sup>                               |
| Note (Cable section)   | All indications including the conductor ferrules. |

## Mechanical data - Dimensions

|                                                 |               |
|-------------------------------------------------|---------------|
| Mounting depth                                  | 91 mm         |
| Length of the actuator                          | 90 mm         |
| Diameter hole                                   | 30.5 mm       |
| Diameter hole, central mounting                 | 31 mm         |
| Thickness, of the front panel, minimum          | 1.5 mm        |
| Thickness of the front panel, maximum           | 10 mm         |
| Diameter for the Installation to IEC/EN 60947-1 | 30.5 + 0.5 mm |
| Spacing                                         | 80 x 80 mm    |

## Ambient conditions

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Degree of protection                    | IP67<br>IP65                |
| Ambient temperature, minimum            | -25 °C                      |
| Ambient temperature, maximum            | +80 °C                      |
| Resistance to vibration to EN 60068-2-6 | 10 ... 200 Hz, with 20 g    |
| Resistance to shock                     | 110 g / 4 ms - 30 g / 18 ms |

## Ambient conditions - Insulation values

|                                                  |       |
|--------------------------------------------------|-------|
| Rated insulation voltage U <sub>i</sub>          | 400 V |
| Rated impulse withstand voltage U <sub>imp</sub> | 4 kV  |
| Degree of pollution to IEC/EN 60947-1            | 3     |

## Electrical data

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| Thermal test current       | 10 A                                                          |
| Utilisation category AC-15 | 250 VAC                                                       |
| Utilisation category AC-15 | 8 A                                                           |
| Utilisation category DC-13 | 24 VDC                                                        |
| Utilisation category DC-13 | 5 A                                                           |
| Switching element          | 2 NO contacts / 2 NO contacts / 2 NO contacts / 2 NO contacts |
| Switching principle        | Slow action                                                   |
| Switching frequency        | 1,200 /h                                                      |

## Note

|                          |                     |
|--------------------------|---------------------|
| Notice (switch position) | Position A, B, C, D |
|--------------------------|---------------------|

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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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