

# Wall mounted receptacle DUOi R

Part number: 5812406T



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## Product Description

- LED voltage indicator
- pre-wired for installation
- mechanical DUO-interlock
- switch 3p + N` + PE + 2 NO + 2 NC
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- internal fixing
- 25° inclination
- enclosure base can be turned 180°
- sealed against dust, temporary submersion and high pressure cleaning
- receptacles can be locked with a padlock
- highly resistant to chemicals

## Technical Details

| Wall mounted receptacle DUOi R - Part No. 5812406T | 5812406T                                                      |
|----------------------------------------------------|---------------------------------------------------------------|
| Product serie                                      | DUOi R                                                        |
| Ampere                                             | 16A                                                           |
| Number of poles                                    | 4p                                                            |
| Clock position                                     | 6h                                                            |
| Nominal voltage AC                                 | 400V                                                          |
| Nominal frequency                                  | 50 - 60 Hz                                                    |
| Protection type IP                                 | IP67, IP69                                                    |
| Contact carrier                                    | highly heat resistant contact carrier, nickel plated contacts |
| X-CONTACT                                          | yes                                                           |
| Screw drive external screws                        | allen key, slot                                               |
| Pilot contact                                      | without pilot contact                                         |
| Pilot contact switch                               | no                                                            |
| Load break switch                                  | 32A 3p + N` + PE + 2 NO + 2 NC (N switched, PE unswitched)    |
| DIN rail                                           | no                                                            |
| Inspection window                                  | no                                                            |
| Cable entry at the top                             | 1 x M25, 1 x M32                                              |
| Cable entry at the bottom                          | 2 x M25                                                       |
| Enclosure base can be turned 180°                  | yes                                                           |
| Insertion direction                                | angled                                                        |
| Inclination                                        | 25°                                                           |

| Wall mounted receptacle DUOi R - Part No. 5812406T | 5812406T                            |
|----------------------------------------------------|-------------------------------------|
| Type of mounting                                   | internal fixing                     |
| Highly resistant to chemicals                      | yes                                 |
| LED voltage indicator                              | yes                                 |
| Tightening torque external screws                  | 1.6 Nm                              |
| Lockable                                           | yes, with a padlock up to max. 4 mm |
| Conductor cross-section min.                       | 2.5 mm <sup>2</sup>                 |
| Conductor cross-section max.                       | 10 mm <sup>2</sup>                  |
| IK code                                            | IK08                                |
| Weight (net)                                       | 1293 g                              |
| Packaging unit                                     | 1 pcs                               |
| Quantity per pallet                                | 156 pcs                             |
| EAN / identification number                        | 4015394303947                       |

#### Permissible ambient conditions

|                                   | Min.   | Max.  |
|-----------------------------------|--------|-------|
| Permissible ambient temperature   | -25 °C | 40 °C |
| Average temperature over 24 hours |        | 35 °C |

#### Material properties

|                 |                                         |
|-----------------|-----------------------------------------|
| Base            | PC/SI black [similar RAL 9005]          |
| Upper part      | PC/SI silver grey [similar RAL 7001]    |
| Hinged lid      | PA6 red [similar RAL 3013]              |
|                 | TPE black [similar RAL 9005]            |
|                 | PBT/PC squirrel grey [similar RAL 7000] |
|                 | TPE anthracite [similar RAL 7016]       |
| Rotary handle   | PC/SI silver grey [similar RAL 7001]    |
| External screws | PA6 black [similar RAL 9005]            |

### Material resistance

The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

### Material and environmental properties

RoHS 2011/65/EU inkl. 2015/863/EU

✓

POP regulation (EU) 2019/1021

✓

Halogen-free

yes

### Regulations and Standards

Norm

DIN EN IEC 60309-4

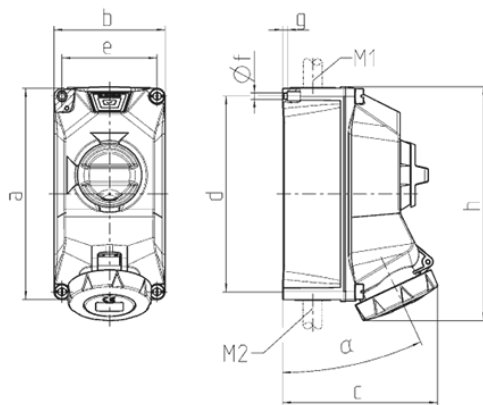
Declaration of Conformity

CE

Test label

CB Zertifikat, VDE

# Dimensional Drawing



| Drawing<br>1 MB 716      | Amp.<br>Poles | 16            |      |      | 32            |      |      |
|--------------------------|---------------|---------------|------|------|---------------|------|------|
|                          |               | 3             | 4    | 5    | 3             | 4    | 5    |
| Dim. in mm               | a             | 225           | 225  | 225  | 225           | 225  | 225  |
|                          | b             | 118           | 118  | 118  | 118           | 118  | 118  |
|                          | c             | 163           | 163  | 165  | 168           | 168  | 169  |
|                          | d             | 208           | 208  | 208  | 208           | 208  | 208  |
|                          | e             | 101           | 101  | 101  | 101           | 101  | 101  |
|                          | f             | 6.4           | 6.4  | 6.4  | 6.4           | 6.4  | 6.4  |
|                          | g             | 5             | 5    | 5    | 5             | 5    | 5    |
|                          | h             | 241           | 245  | 249  | 252           | 252  | 255  |
|                          | a             | 25            |      |      | 25            |      |      |
|                          | M             | 1x25 and 1x32 |      |      | 1x25 and 1x32 |      |      |
|                          | M*            | 2x25          | 2x25 | 2x25 | 2x25          | 2x25 | 2x25 |
| Max. cable diam. (mm)    |               | 25            | 25   | 25   | 25            | 25   | 25   |
| Terminal for cond. cross |               | 2.5           | 2.5  | 2.5  | 2.5           | 2.5  | 2.5  |
| section (mm²) min.-max.  |               | —10           | —10  | —10  | —10           | —10  | —10  |