

# Wall mounted receptacle DUOi

Part number: 5614406H



**MENNEKES**  
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1  
57399 Kirchhundem  
GERMANY

[www.MENNEKES.org](http://www.MENNEKES.org)

# Product Description

- LED voltage indicator
- pre-wired for installation
- mechanical DUO-interlock
- switch 3p + N + PE + 1 NO + 1 NC
- 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

# Technical Details

| Wall mounted receptacle DUOi - Part No. 5614406H | 5614406H                                            |
|--------------------------------------------------|-----------------------------------------------------|
| Product serie                                    | DUOi                                                |
| Ampere                                           | 32A                                                 |
| Number of poles                                  | 4p                                                  |
| Clock position                                   | 6h                                                  |
| Nominal voltage AC                               | 400V                                                |
| Nominal frequency                                | 50 - 60 Hz                                          |
| Protection type IP                               | IP67, IP69                                          |
| Contact carrier                                  | standard                                            |
| 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 + 1 NO + 1 NC (N and 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°                                                 |
| Type of mounting                                 | internal fixing                                     |
| Highly resistant to chemicals                    | no                                                  |

| Wall mounted receptacle DUOi - Part No. 5614406H |                                     |
|--------------------------------------------------|-------------------------------------|
|                                                  | 5614406H                            |
| 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)                                     | 1380 g                              |
| Packaging unit                                   | 1 pcs                               |
| Quantity per pallet                              | 156 pcs                             |
| EAN / identification number                      | 4015394303725                       |

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

| Material properties |                                         |
|---------------------|-----------------------------------------|
| Base                | PC/ASA black [similar RAL 9005]         |
| Upper part          | PC/ASA light grey [similar RAL 7035]    |
| 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/ASA light grey [similar RAL 7035]    |
| 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

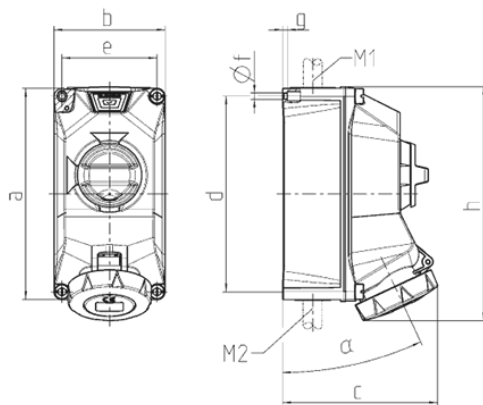
Declaration of Conformity

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  |