

# Panel mounted receptacle

Part number: 1669



**MENNEKES**  
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# Product Description

- screwless, with insulation displacement technology TwinCONTACT
- straight insertion direction
- suitable for through wiring

# Technical Details

| Panel mounted receptacle        | 1669   |
|---------------------------------|--|
| Ampere                          | 16A  |
| Number of poles                 | 3p   |
| Clock position                  | 9h   |
| Nominal voltage AC              | 400V   |
| Nominal frequency               | 50 - 60 Hz                                       |
| Protection type IP              | IP44   |
| Contact carrier                 | standard   |
| X-CONTACT                       | no   |
| Connection                      | insulation displacement technology - TwinCONTACT |
| Pilot contact                   | without pilot contact                            |
| Pilot contact switch            | no   |
| Flange dimensions               | 75 x 75 mm                                       |
| Hole spacings                   | 60 x 60 mm                                       |
| Insertion direction             | straight   |
| Highly resistant to chemicals   | no   |
| Military version                | no   |
| Strip length flexible conductor | 12 mm  |
| Strip length solid conductor    | 12 mm  |
| Conductor cross-section min.    | 1.5 mm <sup>2</sup>                              |
| Conductor cross-section max.    | 4 mm <sup>2</sup>                                |
| Weight (net)                    | 114 g  |
| Packaging unit                  | 10 pcs   |
| Quantity per pallet             | 1520 pcs   |
| EAN / identification number     | 4015394214489                                    |

Permissible ambient conditions

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

Material properties

|            |                                   |
|------------|-----------------------------------|
| Housing    | PA6 light grey [similar RAL 7035] |
| Hinged lid | PC red [similar RAL 3013]         |

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 incl. 2015/863/EU | ✓  |
| POP regulation (EU) 2019/1021     | ✓  |
| Halogen-free                      | no |

Regulations and Standards

|                           |                    |
|---------------------------|--------------------|
| Norm                      | DIN EN IEC 60309-2 |
| Declaration of Conformity | CE                 |
| Test label                | EAC, CQC           |

# Dimensional Drawing



| Drawing<br>1 MB 464  | Amp.<br>Poles | 16        |           |           | 32        |           |           |
|--|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
|  |               | 3         | 4         | 5         | 3         | 4         | 5         |
| Dim. in mm   | a             | 75        | 75        | 75        | 75        | 75        | 75        |
|  | b             | 75        | 75        | 75        | 75        | 75        | 75        |
|  | c             | 53        | 53        | 54        | 64        | 64        | 64        |
|  | d             | 60        | 60        | 60        | 60        | 60        | 60        |
|  | e             | 60        | 60        | 60        | 60        | 60        | 60        |
|  | f             | 5.5       | 5.5       | 5.5       | 5.5       | 5.5       | 5.5       |
|  | g.            | 8         | 8         | 8         | 8         | 8         | 8         |
|  | g.1           | 2         | 2         | 2         | 2         | 2         | 2         |
|  | h             | 75        | 80        | 85        | 89        | 89        | 95        |
|  | h1            |           | 5         | 8         | 10        | 10        | 12        |
|  | k             | 22        | 22        | 22        | 28        | 28        | 28        |
|  | l             | 43        | 52        | 57        | 60        | 60        | 64        |
| Terminal for cond. cross<br>section (mm <sup>2</sup> ) min.-max. |               | 1.5<br>—4 | 1.5<br>—4 | 1.5<br>—4 | 2.5<br>—6 | 2.5<br>—6 | 2.5<br>—6 |