

# Panel mounted receptacle

Part number: 1480



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# Product Description

- screw connection technology
- 20° inclination

# Technical Details

| Panel mounted receptacle  | 1480                  |
|---|-----------------------|
| Ampere  | 16A                   |
| Number of poles   | 4p                    |
| Clock position  | 7h                    |
| Nominal voltage AC  | 500V                  |
| Nominal frequency   | 50 - 60 Hz            |
| Protection type IP  | IP67                  |
| Contact carrier   | standard              |
| X-CONTACT   | no                    |
| Connection  | screw terminals       |
| Contact screw drive   | PZ2, slot             |
| Pilot contact   | without pilot contact |
| Pilot contact switch  | no                    |
| Flange dimensions   | 100 x 92 mm           |
| Hole spacings   | 85 x 77 mm            |
| Insertion direction   | angled                |
| Inclination   | 20°                   |
| Highly resistant to chemicals   | no                    |
| Military version  | no                    |
| Tightening torque connection terminal for cable cross-section 1,0 - 1,5 mm <sup>2</sup> | 0.6 Nm                |
| Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm <sup>2</sup> | 0.8 Nm                |
| Tightening torque connection terminal for cable cross-section 6 - 10 mm <sup>2</sup>    | 1.2 Nm                |
| Strip length PH + N flexible conductor  | 8 - 10 mm             |
| Strip length PE flexible conductor  | 8 - 10 mm             |
| Strip length PH + N solid conductor   | 8 - 10 mm             |

|                                 |                     |
|---------------------------------|---------------------|
| <b>Panel mounted receptacle</b> | <b>1480</b>         |
| Strip length PE solid conductor | 8 - 10 mm           |
| Conductor cross-section min.    | 1.5 mm <sup>2</sup> |
| Conductor cross-section max.    | 4 mm <sup>2</sup>   |
| Weight (net)                    | 203 g               |
| Packaging unit                  | 10 pcs              |
| Quantity per pallet             | 880 pcs             |
| EAN / identification number     | 4015394011392       |

**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 | PA6 black [similar RAL 9005]            |
|            | TPE black [similar RAL 9005]            |
|            | PBT/PC squirrel grey [similar RAL 7000] |

**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 251  | Amp.<br>Poles | 16        |           |           | 32         |            |            |
|--|---------------|-----------|-----------|-----------|------------|------------|------------|
|  |               | 3         | 4         | 5         | 3          | 4          | 5          |
| Dim. in mm   | a             | 73.5      | 100       | 100       | 100        | 100        | 100        |
|  | b             | 64        | 92        | 92        | 92         | 92         | 92         |
|  | c             | 52        | 60        | 62        | 64         | 64         | 66         |
|  | d             | 60        | 85        | 85        | 85         | 85         | 85         |
|  | e             | 52        | 77        | 77        | 77         | 77         | 77         |
|  | 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             | 84        | 100       | 105       | 109        | 109        | 113        |
|  | i             | 78        | 85        | 96        | 103        | 103        | 110        |
|  | k             | 43        | 32        | 32        | 53         | 53         | 45         |
|  | l             | 52        | 55        | 65        | 67         | 67         | 72         |
|  | l1            | 60        | 63        | 72        | 82         | 82         | 85         |
|  | α             | 20°       | 20°       | 20°       | 20°        | 20°        | 20°        |
| 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>—10 | 2.5<br>—10 | 2.5<br>—10 |