

# Connector PowerTOP Xtra

Part number: 14112



**MENNEKES**  
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## Product Description

- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing

## Technical Details

| Connector PowerTOP Xtra                                             | 14112                           |
|---------------------------------------------------------------------|---------------------------------|
| Product serie                                                       | PowerTOP Xtra                   |
| Ampere                                                              | 63A                             |
| Number of poles                                                     | 5p                              |
| Clock position                                                      | 6h                              |
| Nominal voltage AC                                                  | 400V                            |
| Nominal frequency                                                   | 50 - 60 Hz                      |
| Protection type IP                                                  | IP54                            |
| Contact carrier                                                     | standard                        |
| X-CONTACT                                                           | yes                             |
| Connection                                                          | frame terminals                 |
| Contact screw drive                                                 | PZ2, slot                       |
| Tightening torque connection terminal                               | 2 Nm                            |
| Recommended wire end treatment for supply cable connection terminal | usable with and without ferrule |
| Strip length jacket                                                 | 80 mm                           |
| Strip length conductor PH + N                                       | 18 mm                           |
| Strip length conductor PE                                           | 18 mm                           |
| Pilot contact                                                       | without pilot contact           |
| Conductor cross-section min.                                        | 6 mm <sup>2</sup>               |
| Conductor cross-section max.                                        | 16 mm <sup>2</sup>              |
| Cable kink protection                                               | integrated in cable gland       |
| Protective grommet                                                  | without protective grommet      |

|                             |               |
|-----------------------------|---------------|
| Connector PowerTOP Xtra     | 14112         |
| Militärausführung           | nein          |
| Weight (net)                | 860 g         |
| Packaging unit              | 5 pcs         |
| Quantity per pallet         | 270 pcs       |
| EAN / identification number | 4015394238164 |

#### Permissible ambient conditions

|                                 | Min.   | Max.  |
|---------------------------------|--------|-------|
| Permissible ambient temperature | -25 °C | 40 °C |

#### Material properties

|              |                                         |
|--------------|-----------------------------------------|
| Cover        | PBT/PC squirrel grey [similar RAL 7000] |
|              | TPE anthracite [similar RAL 7016]       |
| Front part   | PBT/PC red [similar RAL 3013]           |
| Hinged lid   | PC red [similar RAL 3013]               |
| Clamp basket | PBT/PC black [similar RAL 9005]         |
|              | TPE natural colour [no RAL colour code] |
| Fastening    | PBT/PC squirrel grey [similar RAL 7000] |
|              | TPE anthracite [similar RAL 7016]       |

#### Material resistance

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

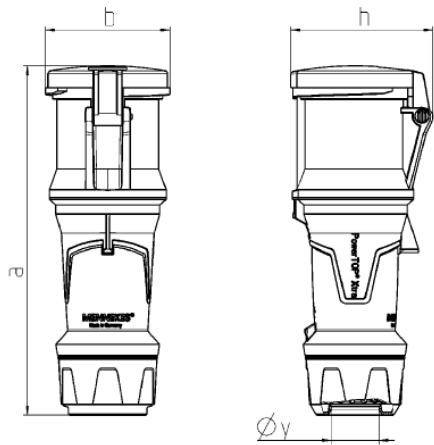
#### Material and environmental properties

|                                   |    |
|-----------------------------------|----|
| 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                | CB Zertifikat, VDE, EAC |

# Dimensional Drawing



| Drawing<br>3 MB 69                   | Amp.<br>Poles | 63  |     |     |
|--------------------------------------|---------------|-----|-----|-----|
|                                      |               | 3   | 4   | 5   |
| Dim. in mm                           | a             | 268 | 268 | 268 |
|                                      | b             | 95  | 95  | 95  |
|                                      | h             | 109 | 109 | 109 |
|                                      | y             | 36  | 36  | 36  |
| Terminal for cond. cross             |               | 6   | 6   | 6   |
| section (mm <sup>2</sup> ) min.-max. |               | —16 | —16 | —16 |