

# Connector PowerTOP Xtra

Part number: 14216



**MENNEKES**  
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## Product Description

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

## Technical Details

| Connector PowerTOP Xtra                                             | 14216                           |
|---------------------------------------------------------------------|---------------------------------|
| Product serie                                                       | PowerTOP Xtra                   |
| Ampere                                                              | 125A                            |
| Number of poles                                                     | 3p                              |
| Clock position                                                      | 6h                              |
| Nominal voltage AC                                                  | 230V                            |
| Nominal frequency                                                   | 50 - 60 Hz                      |
| Protection type IP                                                  | IP67                            |
| Contact carrier                                                     | standard                        |
| X-CONTACT                                                           | yes                             |
| Connection                                                          | frame terminals                 |
| Contact screw drive                                                 | allen key                       |
| Tightening torque connection terminal                               | 10 Nm                           |
| Recommended wire end treatment for supply cable connection terminal | usable with and without ferrule |
| Strip length jacket                                                 | 110 mm                          |
| Strip length conductor PH + N                                       | 27 mm                           |
| Strip length conductor PE                                           | 27 mm                           |
| Pilot contact                                                       | without pilot contact           |
| Conductor cross-section min.                                        | 25 mm <sup>2</sup>              |
| Conductor cross-section max.                                        | 50 mm <sup>2</sup>              |
| Cable kink protection                                               | integrated in cable gland       |

|                             |                            |
|-----------------------------|----------------------------|
| Connector PowerTOP Xtra     | 14216                      |
| Protective grommet          | without protective grommet |
| Weight (net)                | 1514 g                     |
| Packaging unit              | 5 pcs                      |
| Quantity per pallet         | 160 pcs                    |
| EAN / identification number | 4015394240976              |

#### Permissible ambient conditions

|                               | Min.   | Max.  |
|-------------------------------|--------|-------|
| Permanent 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 blue [similar RAL 5007]          |
| Hinged lid   | PBT/PC blue [similar RAL 5007]          |
|              | TPE black [similar RAL 9005]            |
|              | PBT/PC squirrel grey [similar RAL 7000] |
| Clamp basket | TPE anthracite [similar RAL 7016]       |
|              | PBT/PC squirrel grey [similar RAL 7000] |
|              | 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 | ✓ |
|-----------------------------------|---|

#### Material and enviromental properties

POP regulation (EU) 2019/1021

✓

#### Regulations and Standards

Norm

DIN EN IEC 60309-2

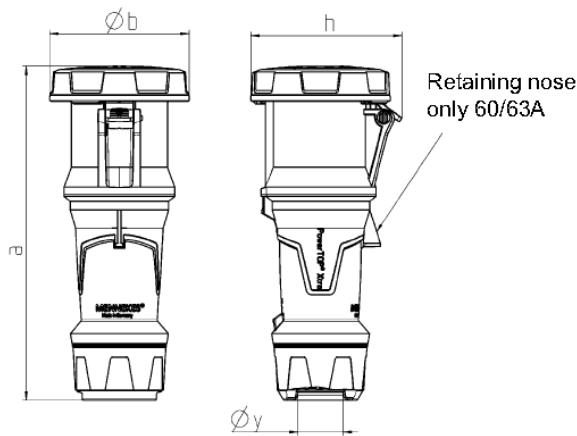
Declaration of Conformity

CE

Test label

CB Zertifikat, VDE, EAC, CQC

# Dimensional Drawing



| Drawing<br>3 MB 68       | Amp.<br>Poles | 63  |     |     | 125 |     |     |
|--------------------------|---------------|-----|-----|-----|-----|-----|-----|
|                          |               | 3   | 4   | 5   | 3   | 4   | 5   |
| Dim. in mm               | a             | 270 | 270 | 270 | 310 | 310 | 310 |
|                          | b             | 113 | 113 | 113 | 125 | 125 | 125 |
|                          | h             | 123 | 123 | 123 | 135 | 135 | 135 |
|                          | y             | 36  | 36  | 36  | 49  | 49  | 49  |
| Terminal for cond. cross |               | 6   | 6   | 6   | 25  | 25  | 25  |
| section (mm²) min.-max.  |               | —16 | —16 | —16 | —50 | —50 | —50 |