

# Connector PowerTOP Xtra R

Part number: 14228



**MENNEKES**  
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1  
57399 Kirchhundem  
GERMANY

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

## Product Description

- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- rubberised bayonet ring
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing

## Technical Details

| Connector PowerTOP Xtra R   | 14228   |
|---|---|
| Product serie   | PowerTOP Xtra R   |
| Ampere  | 63A   |
| Number of poles   | 3p  |
| Clock position  | 6h  |
| Nominal voltage AC  | 230V  |
| Nominal frequency   | 50 - 60 Hz  |
| Protection type IP  | IP67  |
| Contact carrier   | highly heat resistant contact carrier, nickel plated contacts |
| 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>  |

|                                  |                            |
|----------------------------------|----------------------------|
| <b>Connector PowerTOP Xtra R</b> | <b>14228</b>               |
| Cable kink protection            | integrated in cable gland  |
| Protective grommet               | without protective grommet |
| Weight (net)                     | 848 g                      |
| Packaging unit                   | 5 pcs                      |
| Quantity per pallet              | 225 pcs                    |
| EAN / identification number      | 4015394238294              |

| 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 black [similar RAL 9005]         |
| Fastening           | TPE natural colour [no RAL colour code] |
|                     | 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 environmental 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

# Dimensional Drawing



| Drawing<br>3 MB 68                   | Amp.<br>Poles | 63  |     |     | 125 |     |     |
|--------------------------------------|---------------|-----|-----|-----|-----|-----|-----|
|                                      |               | 3   | 4   | 5   | 3   | 4   | 5   |
| Dim. in mm                           | <b>a</b>      | 270 | 270 | 270 | 310 | 310 | 310 |
|                                      | <b>b</b>      | 113 | 113 | 113 | 125 | 125 | 125 |
|                                      | <b>h</b>      | 123 | 123 | 123 | 135 | 135 | 135 |
|                                      | <b>y</b>      | 36  | 36  | 36  | 49  | 49  | 49  |
| Terminal for cond. cross             |               | 6   | 6   | 6   | 25  | 25  | 25  |
| section (mm <sup>2</sup> ) min.-max. |               | —16 | —16 | —16 | —50 | —50 | —50 |