

# Connector PowerTOP Xtra R

Part Number: 14643



## MENNEKES

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# Product Description

- screw connection technology ErgoCONTACT
- X-CONTACT
- ergonomic enclosure design with nubbed grip zones
- highly heat resistant contact carrier
- nickel plated contacts
- rubberised cable gland with sealing and rubberised bayonet ring
- sealed against dust, temporary submersion and high pressure cleaning
- strain relief and protection against kinking
- thread lock and safety slide
- area for self-adhesive labels

# Technical Details

| Connector - PowerTOP Xtra R  | 14643                                                                        |
|------------------------------|------------------------------------------------------------------------------|
| Product series               | PowerTOP Xtra R                                                              |
| Ampere                       | 16A                                                                          |
| Number of Poles              | 5p                                                                           |
| Clock position               | 6h                                                                           |
| Voltage                      | 400V                                                                         |
| Hertz                        | 50-60 Hz                                                                     |
| Current Type                 | AC                                                                           |
| Protection Type              | IP67/IP69                                                                    |
| Contact carrier              | Nickel plated contacts<br>Highly heat resistant contact carrier<br>X-CONTACT |
| Pilot contact                | Without pilot contact                                                        |
| Connection                   | Screw terminals - ErgoCONTACT                                                |
| Screw drive contact screw    | Combination head screw (PZ2 and slotted)                                     |
| Conductor cross-section min. | 1 mm <sup>2</sup>                                                            |

|                              |                            |
|------------------------------|----------------------------|
| Conductor cross-section max. | 2,5 mm <sup>2</sup>        |
| Cable kink protection        | Integrated in cable gland  |
| Protective grommet           | Without protective grommet |
| Weight (net)                 | 335g                       |
| EAN / Identification number  | 4015394306047              |

### Permissible ambient conditions

|                                           |                 |
|-------------------------------------------|-----------------|
| Permanent ambient temperature min. - max. | -25 °C - +40 °C |
|-------------------------------------------|-----------------|

### Material properties

|            |                                       |
|------------|---------------------------------------|
| Hinged lid | PA6<br>similar RAL 3013 red           |
| Cover      | PA6<br>similar RAL 7000 squirrel grey |
| Front part | PA6<br>similar RAL 3013 red           |

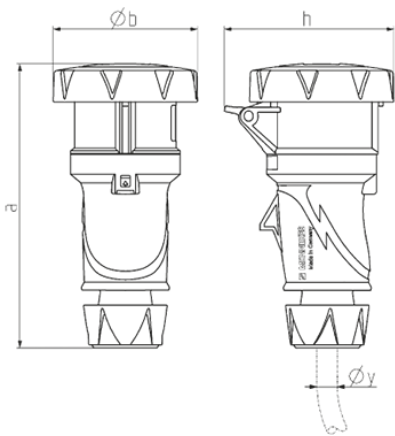
### Material resistance

The material resistance overview can be found on the website in the section "Knowledge" → "Product knowledge" → "Materials"

## Regulations and Standards

|                                   |             |
|-----------------------------------|-------------|
| RoHS 2011/65/EU incl. 2015/863/EU | ✓           |
| POP Regulation (EU) 2019/1021     | ✓           |
| Norm(s)                           | IEC 60309-2 |
| Declaration of conformity         | CE          |
| Certification                     | -           |

# Dimensional drawing



| Zeichnung | Amp.<br>Pole                    | 16   |       |       | 32   |      |      |
|-----------|---------------------------------|------|-------|-------|------|------|------|
|           |                                 | 3    | 4     | 5     | 3    | 4    | 5    |
| 3 MB 82   | Maße in mm                      |      |       |       |      |      |      |
|           | a                               | 167  | 177   | 179   | 213  | 213  | 214  |
|           | b                               | 73   | 82    | 89    | 97   | 97   | 103  |
|           | h                               | 89   | 99    | 105   | 109  | 109  | 115  |
|           | y min                           | 7    | 8     | 8     | 10,5 | 10,5 | 13,5 |
|           | bis max. mm                     | -13  | -15,5 | -15,5 | -18  | -18  | -20  |
|           | Klemmen für Leiterquer-         | 1    | 1     | 1     | 2,5  | 2,5  | 2,5  |
|           | schnitt von bis mm <sup>2</sup> | -2,5 | -2,5  | -2,5  | -6   | -6   | -6   |