

# Connector PowerTOP Xtra R

Part Number: 14577



## 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
- strain relief and protection against kinking
- thread lock and safety slide
- area for self-adhesive labels

# Technical Details

| Connector - PowerTOP Xtra R  | 14577                                                                        |
|------------------------------|------------------------------------------------------------------------------|
| Product series               | PowerTOP Xtra R                                                              |
| Ampere                       | 32A                                                                          |
| Number of Poles              | 4p                                                                           |
| Clock position               | 4h                                                                           |
| Voltage                      | 110V                                                                         |
| Hertz                        | 50-60 Hz                                                                     |
| Current Type                 | AC                                                                           |
| Protection Type              | IP54                                                                         |
| 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. | 2,5 mm <sup>2</sup>                                                          |
| Conductor cross-section max. | 6 mm <sup>2</sup>                                                            |

|                             |                            |
|-----------------------------|----------------------------|
| Cable kink protection       | Integrated in cable gland  |
| Protective grommet          | Without protective grommet |
| Weight (net)                | 385g                       |
| EAN / Identification number | 4015394305767              |

### Permissible ambient conditions

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

### Material properties

|            |                                       |
|------------|---------------------------------------|
| Hinged lid | PC<br>similar RAL 1021 yellow         |
| Cover      | PA6<br>similar RAL 7000 squirrel grey |
| Front part | PA6<br>similar RAL 1021 yellow        |

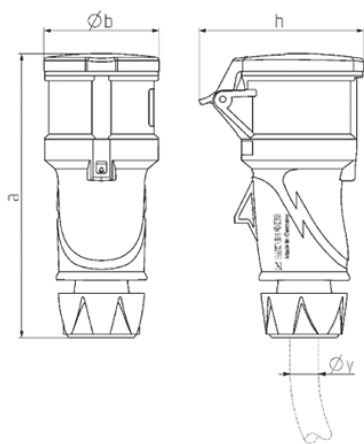
### Material resistance

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    |
| Maße in mm              | a            | 165  | 177   | 174   | 211  | 211  | 209  |
|                         | b            | 55   | 68    | 69    | 78   | 78   | 80   |
|                         | h            | 72   | 93    | 98    | 100  | 100  | 108  |
| 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 mm²     |              | −2,5 | −2,5  | −2,5  | −6   | −6   | −6   |