

# Plug

# PowerTOP Xtra R

Part Number: 13649



## MENNEKES

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# Product Description

- screw connection technology ErgoCONTACT
- ergonomic enclosure design with nubbed grip zones
- highly heat resistant contact carrier
- nickel plated contacts
- rubberised cable gland with sealing
- 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

| Plug - PowerTOP Xtra R    | 13649                                                           |
|---------------------------|-----------------------------------------------------------------|
| Product series            | PowerTOP Xtra R                                                 |
| Ampere                    | 32A                                                             |
| UL-Ampere                 | 13649                                                           |
| Number of Poles           | 3p                                                              |
| Clock position            | 4h                                                              |
| Voltage                   | 110V                                                            |
| Hertz                     | 50-60 Hz                                                        |
| Current Type              | AC                                                              |
| Protection Type           | IP67/IP69                                                       |
| Contact carrier           | Nickel plated contacts<br>Highly heat resistant contact carrier |
| Pilot contact             | Without pilot contact                                           |
| Connection                | Screw terminals - ErgoCONTACT                                   |
| Screw drive contact screw | Combination head screw (PZ2 and slotted)                        |
| Phase inverter plugs      | Without phase inverter                                          |

|                              |                            |
|------------------------------|----------------------------|
| 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 |
| Protective cap               | Without protective cap     |
| EAN / Identification number  | 4015394309109              |

### Permissible ambient conditions

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

### Material properties

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

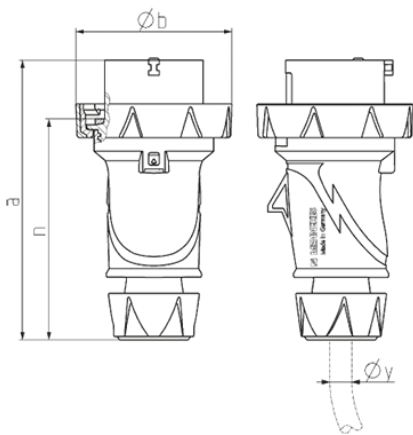
### Material resistance

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            | 154  | 163   | 163   | 196  | 196  | 196  |
|                         | b            | 73   | 81    | 89    | 95   | 95   | 102  |
|                         | n            | 121  | 129   | 129   | 154  | 154  | 154  |
| y von                   |              | 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   |