

# Plug PowerTOP Xtra R

Part number: 13214



**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
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing

# Technical Details

| Plug PowerTOP Xtra R                                                | 13214                                                         |
|---------------------------------------------------------------------|---------------------------------------------------------------|
| Product serie                                                       | PowerTOP Xtra R                                               |
| Ampere                                                              | 63A                                                           |
| Number of poles                                                     | 5p                                                            |
| Clock position                                                      | 2h                                                            |
| Nominal voltage AC                                                  | 50 - 500V                                                     |
| Nominal frequency                                                   | 300 - 500 Hz                                                  |
| Protection type IP                                                  | IP67                                                          |
| Contact carrier                                                     | highly heat resistant contact carrier, nickel plated contacts |
| 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                                              | 18 mm                                                         |
| Phase inverter                                                      | without phase inverter                                        |
| Pilot contact                                                       | 1 pilot contact                                               |
| Conductor cross-section min.                                        | 6 mm <sup>2</sup>                                             |
| Conductor cross-section max.                                        | 16 mm <sup>2</sup>                                            |
| Cable kink protection                                               | integrated in cable gland                                     |
| Protective grommet                                                  | without protective grommet                                    |
| Protective cap                                                      | without protective cap                                        |
| Military version                                                    | no                                                            |

|                             |               |
|-----------------------------|---------------|
| Plug PowerTOP Xtra R        | 13214         |
| Weight (net)                | 886 g         |
| Packaging unit              | 5 pcs         |
| Quantity per pallet         | 225 pcs       |
| EAN / identification number | 4015394238645 |

#### Permissible ambient conditions

|                                 | Min.   | Max.  |
|---------------------------------|--------|-------|
| Permissible 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 squirrel grey [similar RAL 7000] |
|              | TPE black [similar RAL 9005]            |
| Bayonet ring | PBT/PC squirrel grey [similar RAL 7000] |
|              | TPE anthracite [similar RAL 7016]       |
| Clamp basket | PBT/PC black [similar RAL 9005]         |
|              | 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”.

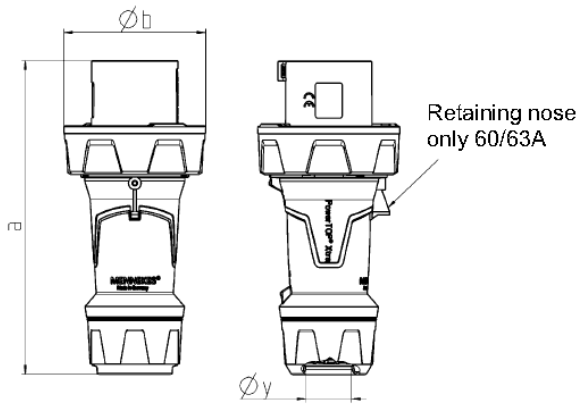
#### Material and environmental properties

|                                   |    |
|-----------------------------------|----|
| RoHS 2011/65/EU incl. 2015/863/EU | ✓  |
| POP regulation (EU) 2019/1021     | ✓  |
| Halogen-free                      | no |

#### Regulations and Standards

|                           |                    |
|---------------------------|--------------------|
| Norm                      | DIN EN IEC 60309-2 |
| Declaration of Conformity | CE                 |
| Test label                | EAC, CQC           |

# Dimensional Drawing



| Drawing<br>2 MB 225      | Amp.<br>Poles | 63  |     |     | 125 |     |     |
|--------------------------|---------------|-----|-----|-----|-----|-----|-----|
|                          |               | 3   | 4   | 5   | 3   | 4   | 5   |
| Dim. in mm               | a             | 250 | 250 | 250 | 290 | 290 | 290 |
|                          | b             | 114 | 114 | 114 | 130 | 130 | 130 |
|                          | 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 |