MENNEKES
MY POWER CONNECTION

# Plug
# PowerTOP Xtra

**Part number: 13513**



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# Product Description

- screw connection technology ErgoCONTACT
- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- area for self-adhesive labels

# Technical Details

| Plug PowerTOP Xtra | 13513 |
|---|---|
| Product serie | PowerTOP Xtra |
| Ampere | 32A |
| Number of poles | 3p |
| Clock position | 6h |
| Nominal voltage AC | 230V |
| Nominal frequency | 50 - 60 Hz |
| Protection type IP | IP54 |
| Contact carrier | standard |
| Connection | screw terminals - ErgoCONTACT |
| Contact screw drive | PZ2, slot |
| Tightening torque connection terminal | 1.8 Nm |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| Strip length jacket | 68 mm |
| Strip length conductor | 12 - 15 mm |
| Phase inverter | without phase inverter |
| Pilot contact | without pilot contact |
| Conductor cross-section min. | 2.5 $mm^2$ |
| Conductor cross-section max. | 6 $mm^2$ |
| Cable kink protection | integrated in cable gland |
| Protective grommet | without protective grommet |
| Protective cap | without protective cap |
| Military version | no |
| Weight (net) | 322 g |

| Plug PowerTOP Xtra | 13513 |
|---|---|
| Packaging unit | 10 pcs |
| Quantity per pallet | 540 pcs |
| EAN / identification number | 4015394296720 |

## Permissible ambient conditions

| | Min. | Max. |
|---|---|---|
| Permissible ambient temperature | -25 °C | 40 °C |

## Material properties

| | |
|---|---|
| Cover | PA6 blue [similar RAL 5007] |
| Front part | PA6 blue [similar RAL 5007] |
| Clamp basket | PA6 natural colour [no RAL colour code] |
| | TPE natural colour [no RAL colour code] |
| Fastening | PA6 squirrel grey [similar RAL 7000] |
| | TPE anthracite [similar RAL 7016] |

## Material resistance

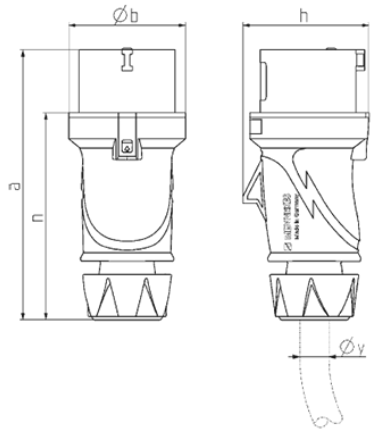
The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

## Material and environmental properties

| | |
|---|---|
| RoHS 2011/65/EU incl. 2015/863/EU | ✓ |
| POP regulation (EU) 2019/1021 | ✓ |
| Halogen-free | yes |

| Regulations and Standards | |
|---|---|
| Norm | DIN EN IEC 60309-2 |
| Declaration of Conformity | CE |
| Test label | CB Zertifikat, VDE, EAC, CQC, cULus E106704 |

# Dimensional Drawing




| Drawing | Amp. | 16 | | | 32 | | |
|---|---|---|---|---|---|---|---|
| 2 MB 253 | Poles | 3 | 4 | 5 | 3 | 4 | 5 |
| Dim. in mm | a | 154 | 163 | 163 | 196 | 196 | 196 |
| | b | 55 | 68 | 68 | 78 | 78 | 78 |
| | h | 58 | 70 | 74 | 81 | 81 | 86 |
| | n | 118 | 126 | 126 | 151 | 151 | 151 |
| y min. from | | 7 | 8 | 8 | 10.5 | 10.5 | 13.5 |
| to max. mm | | –13 | –15.5 | –15.5 | –18 | –18 | –20 |
| Terminal for cond. cross | | 1 | 1 | 1 | –2.5 | –2.5 | –2.5 |
| section ($mm^2$) min.-max. | | –2.5 | –2.5 | –2.5 | –6 | –6 | –6 |