

# Connector PowerTOP

Part number: 3897



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## Product Description

- screw connection technology
- protection against kinking
- strain relief
- cable gland and external cable grip

## Technical Details

| Connector PowerTOP                                                  | 3897                            |
|---------------------------------------------------------------------|---------------------------------|
| Product serie                                                       | PowerTOP                        |
| Ampere                                                              | 32A                             |
| Number of poles                                                     | 4p                              |
| Clock position                                                      | 6h                              |
| Nominal voltage AC                                                  | 400V                            |
| Nominal frequency                                                   | 50 - 60 Hz                      |
| Protection type IP                                                  | IP67                            |
| Contact carrier                                                     | standard                        |
| X-CONTACT                                                           | no                              |
| Connection                                                          | screw terminals                 |
| Contact screw drive                                                 | PZ2, slot                       |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| Pilot contact                                                       | without pilot contact           |
| 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)                                                        | 379 g                           |
| Packaging unit                                                      | 10 pcs                          |
| Quantity per pallet                                                 | 540 pcs                         |
| EAN / identification number                                         | 4015394115786                   |

#### Permissible ambient conditions

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

#### Material properties

|            |                                         |
|------------|-----------------------------------------|
| Housing    | PA6 red [similar RAL 3013]              |
| Hinged lid | PA6 red [similar RAL 3013]              |
|            | TPE black [similar RAL 9005]            |
|            | PBT/PC squirrel grey [similar RAL 7000] |

#### Material resistance

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

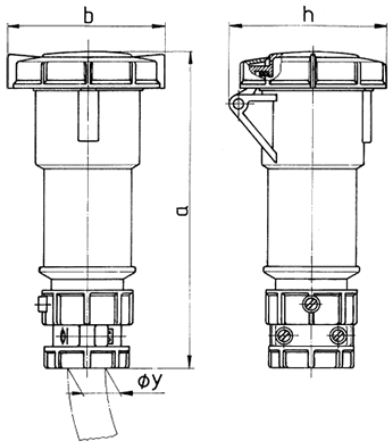
#### Material and environmental properties

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

#### Regulations and Standards

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

# Dimensional Drawing



| Drawing<br>3 MB 48/3     | Amp.<br>Poles | 16   |      |      | 32   |      |      |
|--------------------------|---------------|------|------|------|------|------|------|
|                          |               | 3    | 4    | 5    | 3    | 4    | 5    |
| Dim. in mm               | a             | 171  | 182  | 194  | 217  | 217  | 229  |
|                          | b             | 78   | 85   | 96   | 103  | 103  | 110  |
|                          | h             | 79   | 88   | 95   | 99   | 99   | 105  |
|                          | y             | 19   | 19   | 22   | 24.5 | 24.5 | 28.5 |
| Terminal for cond. cross |               | 1    | 1    | 1    | 2.5  | 2.5  | 2.5  |
| section (mm²) min.-max.  |               | —2.5 | —2.5 | —2.5 | —6   | —6   | —6   |