MENNEKES
MY POWER CONNECTION

# Connector
## PowerTOP

**Part number: 3860**



**MENNEKES**
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1
57399 Kirchhundem
GERMANY

www.**MENNEKES**.org

**Version May 24 2026** Subject to change without notice. No liability accepted for printing errors.

# Product Description

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

# Technical Details

| Connector PowerTOP | 3860 |
|---|---|
| Product serie | PowerTOP |
| Ampere | 16A |
| Number of poles | 3p |
| Clock position | 6h |
| Nominal voltage AC | 230V |
| Nominal frequency | 50 - 60 Hz |
| Protection type IP | IP67 |
| Contact carrier | standard |
| X-CONTACT | no |
| Connection | screw terminals |
| Contact screw drive | PZ2, slot |
| Tightening torque connection terminal | 0.8 Nm |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| Pilot contact | without pilot contact |
| Conductor cross-section min. | 1 $mm^2$ |
| Conductor cross-section max. | 2.5 $mm^2$ |
| Cable kink protection | integrated in cable gland |
| Protective grommet | without protective grommet |
| Militärausführung | nein |
| Weight (net) | 221 g |
| Packaging unit | 10 pcs |
| Quantity per pallet | 880 pcs |

| Connector PowerTOP | 3860 |
|---|---|
| EAN / identification number | 4015394099819 |

## Permissible ambient conditions

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

## Material properties

| | |
|---|---|
| Housing | PA6 blue [similar RAL 5007] |
| Hinged lid | PA6 blue [similar RAL 5007] |
| | 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”.

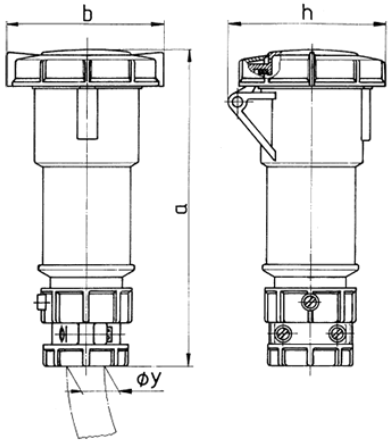
## Material and environmental properties

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

## Regulations and Standards

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

# Dimensional Drawing




| Drawing | Amp. | 16 | | | 32 | | |
|---|---|---|---|---|---|---|---|
| 3 MB 48/3 | Poles | 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 |