MENNEKES
MY POWER CONNECTION

# Connector
# AM-TOP

**Part number: 24675**



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**Version Jun 22 2026** Subject to change without notice. No liability accepted for printing errors.

# Product Description

- screw connection technology
- single part body
- highly heat resistant contact carrier, nickel plated contacts
- protection against kinking
- strain relief
- cable gland and sealing
- (form DS)

# Technical Details

| Connector AM-TOP | 24675 |
|---|---|
| Product serie | AM-TOP |
| Ampere | 16A |
| Number of poles | 3p |
| Clock position | 6h |
| Nominal voltage AC | 230V |
| Nominal frequency | 50 - 60 Hz |
| Protection type IP | IP67 |
| Contact carrier | highly heat resistant contact carrier, nickel plated contacts |
| X-CONTACT | no |
| Connection | screw terminals |
| Contact screw drive | PZ2, slot |
| Tightening torque connection terminal for cable cross-section 1,0 - 1,5 $mm^2$ | 0.6 Nm |
| Tightening torque connection terminal for cable cross-section 2,5 - 4,0 $mm^2$ | 0.8 Nm |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| Strip length jacket | 40 mm |
| Strip length conductor PH + N | 8 - 10 mm |
| Strip length conductor PE | 12 - 17 mm |
| Pilot contact | without pilot contact |
| Conductor cross-section min. | 1 $mm^2$ |

| Connector AM-TOP | 24675 |
|---|---|
| Conductor cross-section max. | 2.5 $mm^2$ |
| Cable kink protection | integrated in cable gland |
| Protective grommet | without protective grommet |
| Military version | yes |
| Weight (net) | 203 g |
| Packaging unit | 10 pcs |
| Quantity per pallet | 1520 pcs |
| EAN / identification number | 4015394260868 |

| Permissible ambient conditions | | |
|---|---|---|
| | Min. | Max. |
| Permissible ambient temperature | -35 °C | 60 °C |

| Material properties | |
|---|---|
| Housing | PA6 bronze green [similar RAL 6031] |
| Hinged lid | PC bronze green [similar RAL 6031] |
| Clamp basket | PA6 natural colour [no RAL colour code] |
| | TPE squirrel grey [similar RAL 7000] |
| Fastening | PA6 bronze green [similar RAL 6031] |

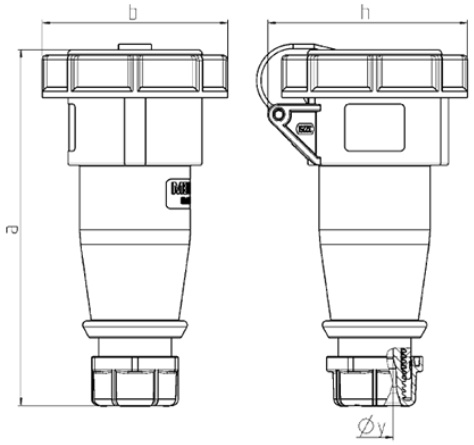
## Material resistance

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 |

# Dimensional Drawing




| Drawing | Amp. | 16 | | 32 | |
|---|---|---|---|---|---|
| 3 MB 73 | Poles | 3 | 5 | 3 | 5 |
| Dim. in mm | a | 160 | 170 | 204 | 205 |
| | b | 70 | 87 | 101 | 101 |
| | h | 78 | 94 | 98 | 105 |
| | y | 14.5 | 16 | 22 | 22 |
| Terminal for cond. cross | | 1 | 1 | 2.5 | 2.5 |
| section (mm²) min.-max. | | —2.5 | —2.5 | —6 | —6 |