

# Plug AM-TOP

Part number: 741



**MENNEKES**  
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1  
57399 Kirchhundem  
GERMANY

[www.MENNEKES.org](http://www.MENNEKES.org)

# 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

# Technical Details

| Plug AM-TOP                                                                             | 741                                                           |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Product serie                                                                           | AM-TOP                                                        |
| Ampere                                                                                  | 16A                                                           |
| Number of poles                                                                         | 7p                                                            |
| Clock position                                                                          | 9h                                                            |
| Nominal voltage AC                                                                      | 230V                                                          |
| Nominal frequency                                                                       | 50 - 60 Hz                                                    |
| Protection type IP                                                                      | IP44                                                          |
| Contact carrier                                                                         | highly heat resistant contact carrier, nickel plated contacts |
| Connection                                                                              | screw terminals                                               |
| Contact screw drive                                                                     | PZ2, slot                                                     |
| Tightening torque connection terminal for cable cross-section 1,0 - 1,5 mm <sup>2</sup> | 0.6 Nm                                                        |
| Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm <sup>2</sup> | 0.8 Nm                                                        |
| Recommended wire end treatment for supply cable connection terminal                     | ferrule square gasproof crimped                               |
| Strip length jacket                                                                     | 40 mm                                                         |
| Strip length conductor                                                                  | 8 - 10 mm                                                     |
| Phase inverter                                                                          | without phase inverter                                        |
| Pilot contact                                                                           | without pilot contact                                         |
| Conductor cross-section min.                                                            | 1 mm <sup>2</sup>                                             |
| Conductor cross-section max.                                                            | 2.5 mm <sup>2</sup>                                           |
| Cable kink protection                                                                   | integrated in cable gland                                     |
| Protective grommet                                                                      | without protective grommet                                    |
| Protective cap                                                                          | without protective cap                                        |

|                             |               |
|-----------------------------|---------------|
| Plug AM-TOP                 | 741           |
| Military version            | no            |
| Weight (net)                | 195 g         |
| Packaging unit              | 10 pcs        |
| Quantity per pallet         | 1520 pcs      |
| EAN / identification number | 4015394005650 |

#### Permissible ambient conditions

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

#### Material properties

|              |                                         |
|--------------|-----------------------------------------|
| Housing      | PA6 blue [similar RAL 5007]             |
| Clamp basket | PA6 natural colour [no RAL colour code] |
|              | TPE squirrel grey [similar RAL 7000]    |
| Fastening    | PA6 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                      | yes |

Regulations and Standards

Norm

DIN EN IEC 60309-2

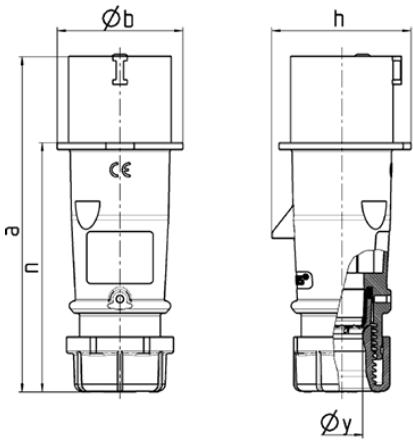
Declaration of Conformity

CE

Test label

EAC, CQC

# Dimensional Drawing



| Drawing<br>2 MB 217                  | Amp.<br>Poles | 16    | 32   |
|--------------------------------------|---------------|-------|------|
|                                      |               | 7     | 7    |
| Dim. in mm                           | a             | 147   | 180  |
|                                      | b             | 67    | 77   |
|                                      | h             | 76    | 89.5 |
|                                      | n             | 110.5 | 135  |
|                                      | y             | 16    | 22   |
| Terminal for cond. cross             |               | 1     | 2.5  |
| section (mm <sup>2</sup> ) min.-max. |               | —2.5  | —6   |