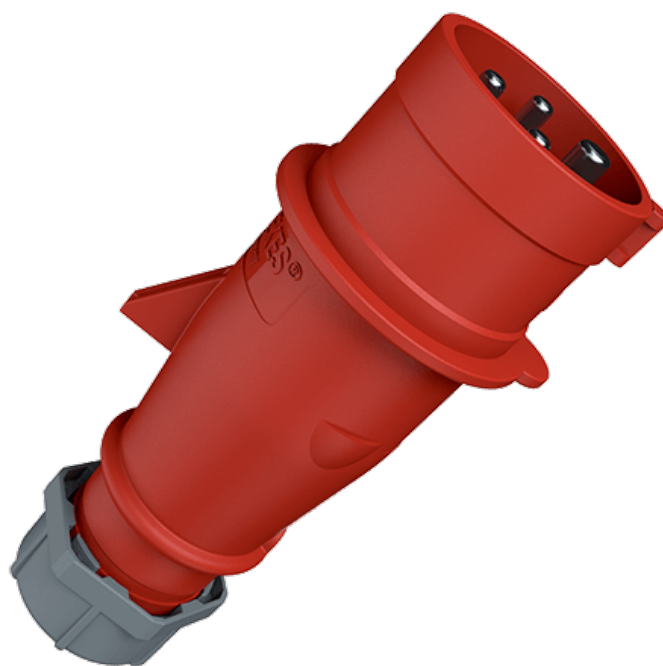


# Phase inverter AM-TOP

Part number: 397



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# Product Description

- screw connection technology
- single part body
- protection against kinking
- strain relief
- cable gland and sealing

# Technical Details

| Phase inverter AM-TOP                                                                   | 397                             |
|-----------------------------------------------------------------------------------------|---------------------------------|
| Product serie                                                                           | AM-TOP                          |
| Ampere                                                                                  | 32A                             |
| Number of poles                                                                         | 4p                              |
| Clock position                                                                          | 6h                              |
| Nominal voltage AC                                                                      | 400V                            |
| Nominal frequency                                                                       | 50 - 60 Hz                      |
| Protection type IP                                                                      | IP44                            |
| Contact carrier                                                                         | standard                        |
| Connection                                                                              | screw terminals                 |
| Contact screw drive                                                                     | PZ2, slot                       |
| Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm <sup>2</sup> | 0.8 Nm                          |
| Tightening torque connection terminal for cable cross-section 6,0 mm <sup>2</sup>       | 1.2 Nm                          |
| Recommended wire end treatment for supply cable connection terminal                     | ferrule square gasproof crimped |
| Strip length jacket                                                                     | 50 mm                           |
| Strip length conductor                                                                  | 12 - 17 mm                      |
| Phase inverter                                                                          | with phase inverter             |
| 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      |
| Protective cap                                                                          | without protective cap          |
| Militärausführung                                                                       | nein                            |

|                             |               |
|-----------------------------|---------------|
| Phase inverter AM-TOP       | 397           |
| Weight (net)                | 277 g         |
| Packaging unit              | 10 pcs        |
| Quantity per pallet         | 880 pcs       |
| EAN / identification number | 4015394195757 |

#### Permissible ambient conditions

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

#### Material properties

|              |                                         |
|--------------|-----------------------------------------|
| Housing      | PA6 red [similar RAL 3013]              |
| Clamp basket | PA6 natural colour [no RAL colour code] |
|              | TPE natural colour [no RAL colour code] |
| 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".

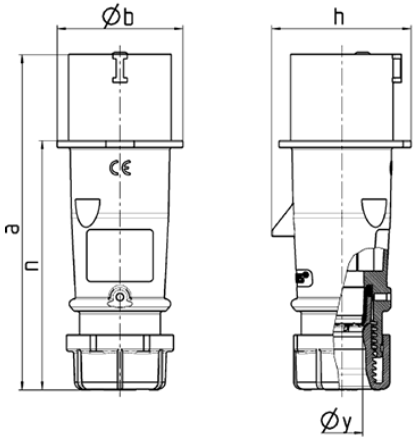
#### Material and environmental properties

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

#### Regulations and Standards

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

# Dimensional Drawing



| Drawing<br>2 MB 217                  | Amp.<br>Poles | 16    |       |       | 32  |     |      |
|--------------------------------------|---------------|-------|-------|-------|-----|-----|------|
|                                      |               | 3     | 4     | 5     | 3   | 4   | 5    |
| Dim. in mm                           | a             | 142   | 147   | 147   | 186 | 186 | 180  |
|                                      | b             | 53    | 59    | 67    | 70  | 70  | 77   |
|                                      | h             | 59    | 69.4  | 76    | 81  | 81  | 89.5 |
|                                      | n             | 105.2 | 110.5 | 110.5 | 141 | 141 | 135  |
|                                      | y             | 14.5  | 16    | 16    | 22  | 22  | 22   |
| Terminal for cond. cross             |               | 1     | 1     | 1     | 2.5 | 2.5 | 2.5  |
| section (mm <sup>2</sup> ) min.-max. |               | —2.5  | —2.5  | —2.5  | —6  | —6  | —6   |