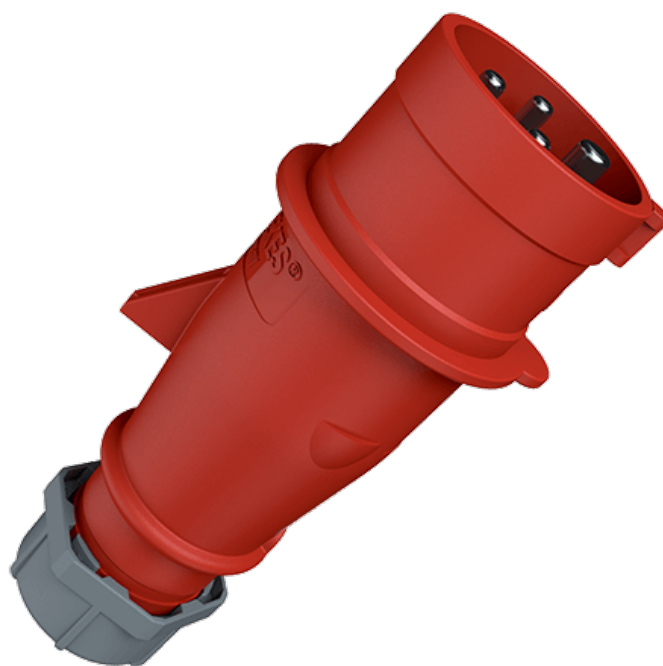


# Phase inverter AM-TOP

Part number: 339



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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                                                                   | 339                             |
|-----------------------------------------------------------------------------------------|---------------------------------|
| Product serie                                                                           | AM-TOP                          |
| Ampere                                                                                  | 16A                             |
| 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 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                                                                          | with 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          |
| Military version                                                                        | no                              |

|                             |               |
|-----------------------------|---------------|
| Phase inverter AM-TOP       | 339           |
| Weight (net)                | 155 g         |
| Packaging unit              | 10 pcs        |
| Quantity per pallet         | 1330 pcs      |
| EAN / identification number | 4015394189619 |

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

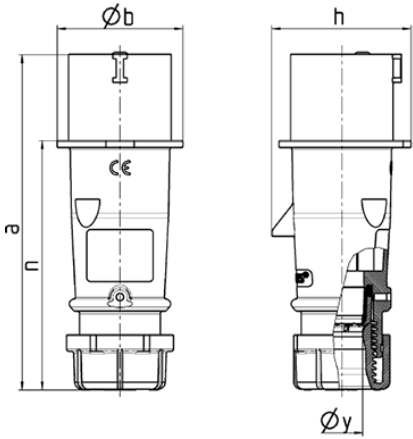
| Material properties |                                         |
|---------------------|-----------------------------------------|
| Housing             | PA6 red [similar RAL 3013]              |
| Clamp basket        | PA6 natural colour [no RAL colour code] |
|                     | TPE squirrel 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                | 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 (mm²) min.-max.  |               | —2.5  | —2.5  | —2.5  | —6  | —6  | —6   |