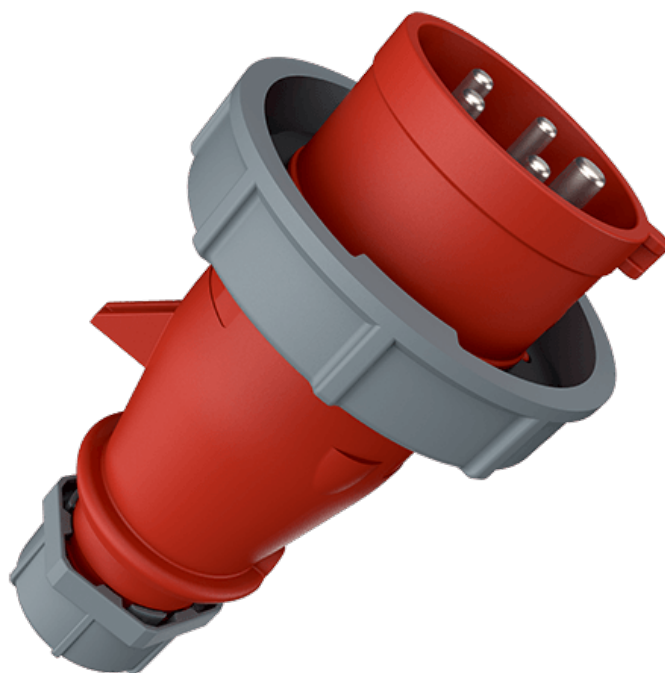


# Phase inverter AM-TOP

Part number: 22815



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# 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

| Phase inverter AM-TOP                                                                   | 22815                                                         |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Product serie                                                                           | AM-TOP                                                        |
| Ampere                                                                                  | 32A                                                           |
| Number of poles                                                                         | 5p                                                            |
| Clock position                                                                          | 6h                                                            |
| Nominal voltage AC                                                                      | 400V                                                          |
| Nominal frequency                                                                       | 50 - 60 Hz                                                    |
| Protection type IP                                                                      | IP67                                                          |
| 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 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                                        |

|                             |               |
|-----------------------------|---------------|
| Phase inverter AM-TOP       | 22815         |
| Militärausführung           | nein          |
| Weight (net)                | 311 g         |
| Packaging unit              | 10 pcs        |
| Quantity per pallet         | 540 pcs       |
| EAN / identification number | 4015394042785 |

#### Permissible ambient conditions

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

#### Material properties

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Housing      | PA6 red [similar RAL 3013]                                                         |
| Bayonet ring | PC/PET squirrel grey [similar RAL 7000]                                            |
| Clamp basket | PA6 natural colour [no RAL colour code]<br>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”.

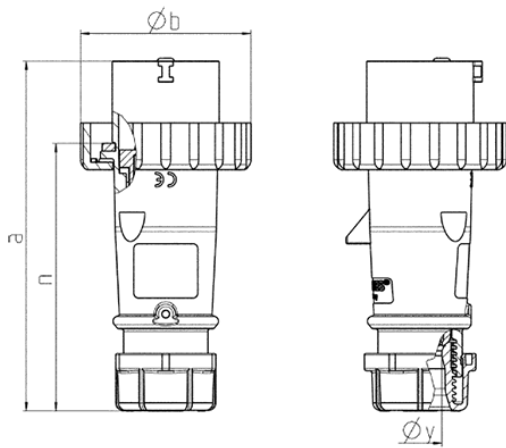
#### Material and enviromental properties

|                                   |   |
|-----------------------------------|---|
| 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 218      | Amp.<br>Poles | 16   |      |      | 32  |     |     |
|--------------------------|---------------|------|------|------|-----|-----|-----|
|                          |               | 3    | 4    | 5    | 3   | 4   | 5   |
| Dim. in mm               | a             | 142  | 144  | 147  | 186 | 186 | 180 |
|                          | b             | 70   | 78   | 87   | 94  | 94  | 101 |
|                          | n             | 109  | 111  | 114  | 145 | 145 | 138 |
|                          | 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  |