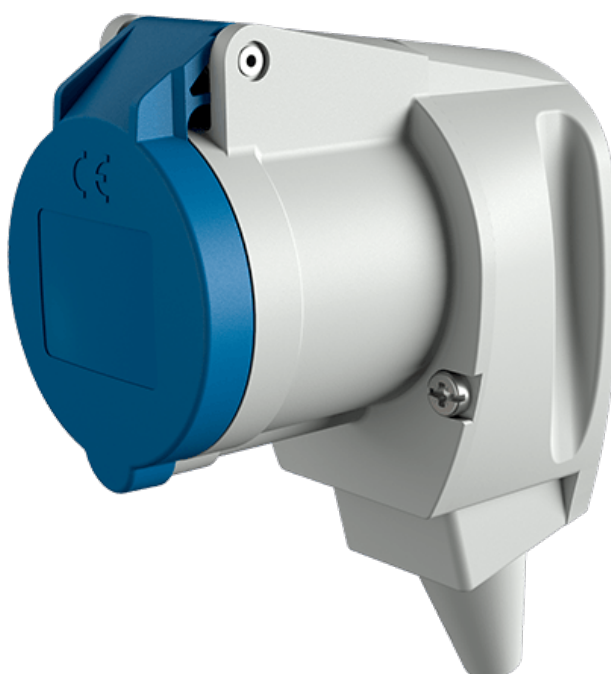


# Angled connector

Part number: 1438



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# Product Description

- screw connection technology
- protection against kinking
- strain relief

# Technical Details

| Angled connector                                                    | 1438                            |
|---------------------------------------------------------------------|---------------------------------|
| Ampere                                                              | 16A                             |
| Number of poles                                                     | 3p                              |
| Clock position                                                      | 6h                              |
| Nominal voltage AC                                                  | 230V                            |
| Nominal frequency                                                   | 50 - 60 Hz                      |
| Protection type IP                                                  | IP44                            |
| Contact carrier                                                     | standard                        |
| X-CONTACT                                                           | no                              |
| Connection                                                          | screw terminals                 |
| Contact screw drive                                                 | PZ2, slot                       |
| Tightening torque connection terminal                               | 0.8 Nm                          |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| 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                                               | with cable kink protection      |
| Protective grommet                                                  | without protective grommet      |
| Militärausführung                                                   | nein                            |
| Weight (net)                                                        | 144 g                           |
| Packaging unit                                                      | 10 pcs                          |
| Quantity per pallet                                                 | 1520 pcs                        |

|                             |               |
|-----------------------------|---------------|
| Angled connector            | 1438          |
| EAN / identification number | 4015394010814 |

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

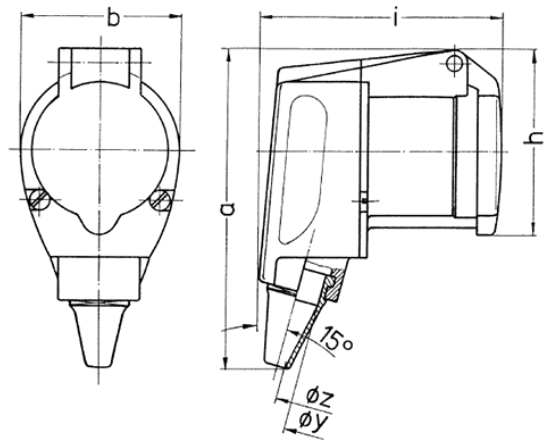
| Material properties |                                   |
|---------------------|-----------------------------------|
| Housing             | PA6 light grey [similar RAL 7035] |
| Hinged lid          | PC blue [similar RAL 5007]        |

| 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                  |            | 16   |
|--------------------------|------------|------|
| 3 MB 23                  | Amp. Poles | 3    |
| Dim. in mm               | a          | 118  |
|                          | b          | 59   |
|                          | h          | 69   |
|                          | i          | 88   |
|                          | y          | 17.5 |
|                          | z          | 7    |
| Terminal for cond. cross |            | 1    |
| section (mm²) min.-max.  |            | —2.5 |