

# Connector

Part number: 729A



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## Product Description

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

## Technical Details

| Connector   | 729A                            |
|---|---------------------------------|
| Ampere  | 32A                             |
| Number of poles   | 3p                              |
| Clock position  | 4h                              |
| Nominal voltage AC  | 20 - 25V, 40 - 50V              |
| Nominal frequency   | 100 - 200 Hz                    |
| Protection type IP  | IP44                            |
| Contact carrier   | standard                        |
| X-CONTACT   | no                              |
| Connection  | screw terminals                 |
| Contact screw drive   | PZ2, slot                       |
| Recommended wire end treatment for supply cable connection terminal | ferrule square gasproof crimped |
| Pilot contact   | without pilot contact           |
| Conductor cross-section min.  | 4 mm <sup>2</sup>               |
| Conductor cross-section max.  | 10 mm <sup>2</sup>              |
| Cable kink protection   | integrated in cable gland       |
| Protective grommet  | without protective grommet      |
| Weight (net)  | 227 g                           |
| Packaging unit  | 10 pcs                          |
| EAN / identification number   | 4015394005544                   |

Permissible ambient conditions

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

Material properties

|            |                                      |
|------------|--------------------------------------|
| Front part | PA6 green [similar RAL 6010]         |
| Housing    | PC/PET light grey [similar RAL 7035] |
| Hinged lid | PA6 green [similar RAL 6010]         |
| Fastening  | PA6 light grey [similar RAL 7035]    |

Material resistance

The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

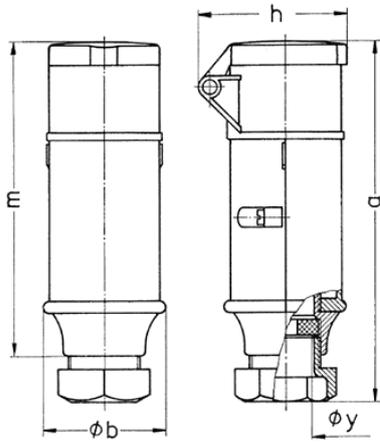
Material and environmental properties

|                                   |   |
|-----------------------------------|---|
| 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                | EAC, CQC           |

# Dimensional Drawing



| Drawing                              | Amp.<br>Poles | 16   |      | 32   |      |
|--------------------------------------|---------------|------|------|------|------|
|                                      |               | 2    | 3    | 2    | 3    |
| 3 MB 36                              |               |      |      |      |      |
| Dim. in mm                           | a             | 164  | 164  | 164  | 164  |
|                                      | b             | 55   | 55   | 55   | 55   |
|                                      | h             | 67   | 67   | 67   | 67   |
|                                      | m             | 142  | 142  | 142  | 142  |
|                                      | y             | 24.7 | 24.7 | 24.7 | 24.7 |
| Terminal for cond. cross             |               | 4    | 4    | 4    | 4    |
| section (mm <sup>2</sup> ) min.-max. |               | —10  | —10  | —10  | —10  |