

# 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                       |
| Tightening torque connection terminal                               | 1.2 Nm                          |
| 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      |
| Militärausführung                                                   | nein                            |
| Weight (net)                                                        | 227 g                           |
| Packaging unit                                                      | 10 pcs                          |
| Quantity per pallet                                                 | 1520 pcs                        |

|                             |               |
|-----------------------------|---------------|
| Connector                   | 729A          |
| EAN / identification number | 4015394005544 |

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

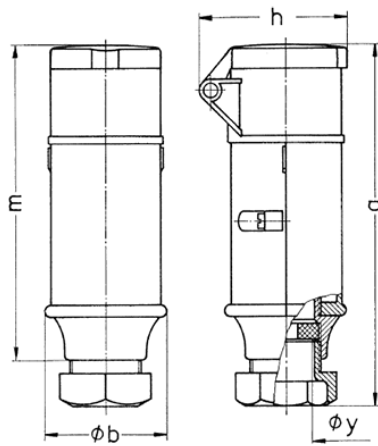
| Material properties |                                      |
|---------------------|--------------------------------------|
| Front part          | PA6 green [similar RAL 6010]         |
| Housing             | PC/PET light grey [similar RAL 7035] |
| Hinged lid          | PA6 green [similar RAL 6010]         |
| 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         | ✓   |
| Halogen-free                          | yes |

| Regulations and Standards |                    |
|---------------------------|--------------------|
| Norm                      | DIN EN IEC 60309-2 |
| Declaration of Conformity | CE                 |
| Test label                | EAC, CQC           |

# Dimensional Drawing



| Drawing<br>3 MB 36                   | Amp.<br>Poles | 16   |      | 32   |      |
|--------------------------------------|---------------|------|------|------|------|
|                                      |               | 2    | 3    | 2    | 3    |
| 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  |