

# Product data sheet

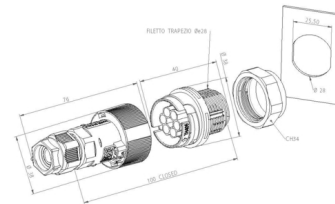
## Techno connectors

### Plug connector panel-mounted M28



THB.406.A1A

<https://www.ac-solutions.be/en/product/thb406a1a>



## Specifications

### General Characteristics

|                           |                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series                    | TEEPLUG                                                                                                                                                                          |
| Subseries                 | TH406                                                                                                                                                                            |
| Number of contacts        | 5                                                                                                                                                                                |
| Gender                    | Male                                                                                                                                                                             |
| Contact terminals         | Contact screw terminals. For cable section 1.0 mm <sup>2</sup>                                                                                                                   |
| Cable section             | max 4,0                                                                                                                                                                          |
| Min-max cable diameter    | 7,0 - 14,0 mm                                                                                                                                                                    |
| Protection degree         | IP68                                                                                                                                                                             |
| Protection degree details | 0,5 bar (5 m / 1 h)                                                                                                                                                              |
| Lower temperature         | -40 °C                                                                                                                                                                           |
| Upper temperature         | +125 °C                                                                                                                                                                          |
| Pollution degree          | 2                                                                                                                                                                                |
| Note                      | Every connector housing type can be equipped with male or female contacts. For reasons pertaining to safety, only female contacts may be used in the live part of the connector. |
| Max. temperature          | T125                                                                                                                                                                             |
| Standards                 | EN61984:2001                                                                                                                                                                     |
| Tracking index            | PTI 175                                                                                                                                                                          |

### Electrical parameters

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|                           |        |
|---------------------------|--------|
| Rated current             | 17.5 A |
| Rated voltage             | 400 V  |
| Impulse withstand voltage | 6 kV   |

## Material

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Impulse withstand category | II                                                          |
| Lock nuts                  | PA66 GF UL94 V0 GWT 960°C black - grey RAL 7035             |
| Connector housing          | PA66 UL94 V0/V2 GWT 850°C black - grey RAL 7035             |
| Terminal block housing     | PA66 GF UL94 V0 GWT 960°C black - grey RAL 7035             |
| Grommets                   | TPE/silicon                                                 |
| Seals                      | TPE/silicon                                                 |
| Contact screw terminals    | Brass nickel plated OR Brass silver plated (THX.406.XXX.AG) |
| Standard/Piercing screws   | M3 steel zinc plated                                        |