

# Product data sheet

## Techno connectors

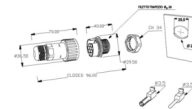
### Insert plug panel mounted connector



## IP68/IP69

THB.409.A1A

<https://www.ac-solutions.be/en/product/thb409a1a>



## Specifications

### General Characteristics

|                           |                                                                |
|---------------------------|----------------------------------------------------------------|
| Series                    | TEEPLUG                                                        |
| Subseries                 | TH409                                                          |
| Number of contacts        | 5                                                              |
| Gender                    | Male                                                           |
| Contact terminals         | Contact screw terminals. For cable section 1.0 mm <sup>2</sup> |
| Cable section             | 0,5 - 2,5 mm <sup>2</sup>                                      |
| Protection degree         | IP68/IP69                                                      |
| Protection degree details | IP 68 0,5 bar (5 m / 1 h)                                      |
| Lower temperature         | -40 °C                                                         |
| Upper temperature         | +125 °C                                                        |
| Pollution degree          | 2                                                              |
| Max. temperature          | T125                                                           |
| Standards                 | EN61984:2001                                                   |
| Tracking index            | PTI 175                                                        |

### Electrical parameters

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### Insert plug panel mounted connector



|                           |       |
|---------------------------|-------|
| Rated current             | 16 A  |
| Rated voltage             | 400 V |
| Impulse withstand voltage | 4 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                                                 |
| Ring closure               | Brass nickel plated                                         |
| Contact screw terminals    | Brass nickel plated OR Brass silver plated (THX.409.XXX.AG) |
| Standard/Piercing screws   | M3 steel zinc plated                                        |