

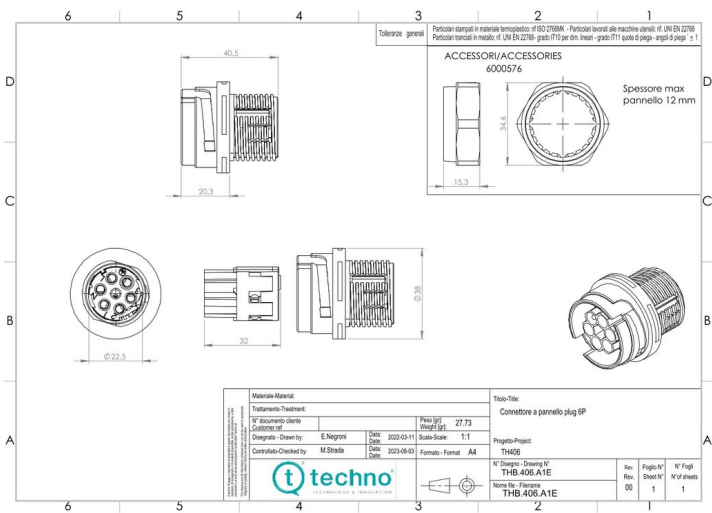
Product data sheet

Techno connectors

Plug connector panel-mounted M28



THB.406.A1E
<https://www.ac-solutions.be/en/product/thb406a1e>



Specifications

General Characteristics

Series	TEEPLUG
Subseries	TH406
Number of contacts	6
Gender	Male
Contact terminals	Contact screw terminals. For cable section 1.0 mm ²
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