



The image is purely indicative and may not fully reflect the configuration of the product.

## Connector 5p panel plug M28 screw IP68

Code: **THB.406.A1A**



Any changes made to the technical data sheet may be made without notice.

### GENERAL INFORMATIONS

<b>Installation type</b>	Socket and plug connection
<b>Configuration</b>	Plug
	<i>*Fixing nut included in the packaging</i>
<b>Locking mechanism</b>	Bayonet
<b>Color</b>	Black (Plastic components) - Techno Green (Rubber components)
<b>Panel type</b>	Conductive
<b>Thread type</b>	M28
<b>MAX panel thickness (mm)</b>	10.00
<b>Connector orientation</b>	Straight

## ELECTRICAL DATA

Connection points	1
Circuit application	Power/Signal
Rated current (AC/DC)	17.5A
Rated current (AC/DC) - UL	20A
Rated voltage (AC/DC)	400V AC
Impulse withstand voltage	6kV
Number of poles	5
Contact symbols	1-2-LNE
Type of contacts	Lives
Thread/Tightening torque	M3 - 0.8 Nm

## CONNECTION DATA

MIN flexible conductor section without terminal (mm <sup>2</sup> )	0.50
MAX flexible conductor section without terminal (mm <sup>2</sup> )	1.50
MIN rigid conductor section (mm <sup>2</sup> )	0.50
MAX rigid conductor section (mm <sup>2</sup> )	1.50
Wire stripping length (mm)	6.00
Recommended cable type	H05xxx/H07xxx
Fastening nut tightening torque	2.0 Nm

## ENVIRONMENTAL CONDITIONS

IP protection rating	IP68
	<i>*IP68 (10m/1h)</i>
Degree of protection IK	IK08
Corrosion resistance	Salt mist test: EN60068-2-11:2000
Connection-disconnection cycles	1000 cycles
MIN/MAX temperature (According to EN61984/EN60998)	-40°C/+125°C
MAX operating temperature	+60°C
Tracking index	PTI 175

## MATERIALS

Body	PA66 UL94 V2
Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
Seals	TPE
Overvoltage category	II
Degree of pollution	2
Property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel

## PRODUCT COMPLIANCE

UL/CSA approved

UL2238/C22.2 No.182.3

## COMMERCIAL DATA



EAN	8057457095587
Product configuration	Industrial packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight/piece (g)	30.60
Box dimensions (mm)	400 x 400 x 230
Customs code	85369010
country of origin	ITALY

## CERTIFICATIONS

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## TECHNICAL DOCUMENTATION

### Technical documentation:

File	Format	Dimension
 606001602_IST_TH406.pdf	PDF	1.16MB
 UL listed coding list.pdf	PDF	97.48 KB

## 3D FILES

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## COMMUNICATION MATERIAL

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