



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

Plug connector panel-mounted 8p Screw M28 IP68

Code: **THB.406.A8A**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Panel nut mounting plug <i>*Fixing nut included in the kit</i>
Locking mechanism	Bayonet Lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Type of panel	Conductive panel
Panel nut thread	M28
Panel thickness (mm)	10.00
Connector shape	Straight

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	10A AC/DC
Voltage rating (AC/DC)	400V AC (60V DC)
Impulse withstand voltage	2.5kV
No. poles	8
Marking	1-2-3-4-5-6-7-E
Terminations	Screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	1.00
Solid conductor cross-section MIN (mm ²)	0.25
Solid conductor cross-section MAX (mm ²)	1.00
Conductor stripping length (mm)	6.00
Recommened types of cable	H05xxx/H07xxx
Tightening torque of panel nut	2.0 Nm

ENVIRONMENT CONDITIONS

IP rating	IP68
	<i>*IP68 (10m/1h)</i>
IK rating	IK08
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	1000 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

MATERIALS

Exterior body	PA66 UL94 V2
Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	TPE
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel

COMMERCIAL DATA

EAN	8057457097840
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Overall dimensions of box (mm)	400 x 400 x 230
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606001602_IST_TH406.pdf	PDF	1.16 MB

CAD FILES

Please login to access this data.

MARKETING DOCUMENTS

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