



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

## Mini Plug Connector panel-mounted 5p Screw M20 IP66/IP68/IP69

Code: **THB.389.L5E**



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	Push Pull
Colour	Black/Brown (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 x 20.03
Overall dimensions when mated together (mm)	Ø 23.0 x 80.0
Panel nut thread	M20
Panel thickness (mm)	3.00
Connector shape	Straight

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A AC/DC
Voltage rating (AC/DC)	500V AC
Impulse withstand voltage	2.5kV
No. poles	5
Marking	1-2-3/L-N-E
Terminations	Screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> )	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.25
Solid conductor cross-section MAX (mm <sup>2</sup> )	1.50
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	25.00
Recommened types of cable	H05xxx/H07xxx
Tightening torque of panel nut	1.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP66, IP68, IP69 <i>*IP68 (5m/1h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

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	8057457098045
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	17.96
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS


### Technical documentations:

File	Type	Size
 <a href="#">606002037_Istruzioni_TH389_pannello_web.pdf</a>	PDF	1.45 MB

## DRAWINGS

### Drawings:

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File	Type	Size
 THB_389_L5E.pdf	PDF	230.55 KB

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## CAD FILES

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## MARKETING DOCUMENTS

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