



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

Code: **THB.387.N5A**



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	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 x 31.75
Type of pannel	Conductive panel
Panel nut thread	M20
Panel thickness (mm)	7.00
Connector shape	Straight

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Current rating (AC/DC) - UL	10A
Voltage rating (AC/DC)	500V AC
Voltage rating (AC/DC) - UL	600V AC/DC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	5
Marking	1-2-3-4-5
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
Reccomended types of cable	H05xxx/H07xxx/AWG16/AWG18
Tightening torque of connector-panel adapter	1.0 Nm
Tightening torque of panel nut	1.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP66, IP68
	<i>*IP68 (30m/3h)</i>
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

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

## PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
UL/CSA Approvals	UL2238/C22.2 No.182.3

## COMMERCIAL DATA



EAN	8057457093514
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	17.40
Overall dimensions of box (mm)	300 x 200 x 160
Corresponding code in KIT	THB.387.N5A.LR
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.


## TECHNICAL DOCUMENTATIONS

### Technical documentations:

File	Type	Size
 <a href="#">606002031_Install_sheet_TH387_pannello.pdf</a>	PDF	1.00 MB
 <a href="#">UL listed coding list.pdf</a>	PDF	119.89 KB

## DRAWINGS

### Drawings:

File	Type	Size
 <a href="#">THB.387.N5A.pdf</a>	PDF	428.14 KB

## CAD FILES

Please login to access this data.

## MARKETING DOCUMENTS

Please login to access this data.