



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 NC 3p Piercing M20 IP66/IP68

Code: **THP.387.L3A**



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 17.6
Type of pannel	Non-conductive panel
Panel nut thread	M20
Panel thickness (mm)	3.50
Connector shape	Straight

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Voltage rating (AC/DC)	500V AC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	3
Marking	1-2-3
Terminations	Piercing screw <i>*The piercing solution is ideal for PVC, Neoprene and FEP cables</i>
Terminations Thread/Tightening torque	M3 - 1.0 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	1.50
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	1.50
Reccomended types of cable	H05xxx/H07xxx
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>
IK rating	IK07
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

COMMERCIAL DATA


Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	14.10
Overall dimensions of box (mm)	300 x 200 x 160
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.


TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002031_TH387_parete.pdf	PDF	708.03 KB

DRAWINGS

Drawings:

File	Type	Size
 THX_387_LXA.pdf	PDF	663.52 KB

CAD FILES

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MARKETING DOCUMENTS

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