



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

## Mini Plug Connector 3p Piercing D7-12 IP66/IP68

Code: **THP.384.P1A**



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	Plug connector
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 27.0 x 63.0
Overall dimensions when mated together (mm)	Ø 27.0 x 95.0

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	16A
Voltage rating (AC/DC)	400V AC
Impulse withstand voltage	4kV
No. poles	3
Marking	L-N-E
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 <sup>2</sup> )	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Cable sheath stripping length (mm)	20.00
Recommened types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	12.00
Tightening torque of nut-cable gland	2.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP66, IP68 <i>*IP68 (5m/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	+85°C
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

Exterior body	PA66 UL94 V2 PA66 GF UL94 V0 ( Locking collar )
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
	<i>*TEST NEMKO EN 60998-1:2004 EN 60529:1991</i>

## COMMERCIAL DATA


Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	24.50
Overall dimensions of box (mm)	400 x 210 x 170
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS


### Technical documentations:

File	Type	Size
 606002048_INST_TH384.pdf	PDF	790.52 KB

## DRAWINGS

### Drawings:

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File	Type	Size
 THB_384_B1A.pdf	PDF	211.74 KB

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## MARKETING DOCUMENTS

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