



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

## Mini Socket Connector with insulation piercing system 2p IP68

Code: **THB.370.A2A**



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

### GENERAL INFORMATION

<b>Type of installation</b>	Plug and Socket connector
<b>Product configuration</b>	Plug and socket junction box
<b>Locking mechanism</b>	Screw lock
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Overall dimensions (mm)</b>	32.0 x 44.0 x 63.0
<b>Overall dimensions when mated together (mm)</b>	Ø 32.0 x 44.0 x 130.0

## ELECTRIC DATA

No. connected cables	2
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	16A
Voltage rating (AC/DC)	400V AC
Impulse withstand voltage	4kV
No. poles	2
Marking	L-N
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> )	2.50
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	4.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	6.00
Cable diameter MAX (mm)	7.00

## ENVIRONMENT CONDITIONS

IP rating	IP68
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
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

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

## PRODUCT COMPLIANCES

*\*TEST NEMKO EN 60998-1:2004/EN 60529:1991*

## COMMERCIAL DATA


EAN	8057457092494
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	42.70
Overall dimensions of box (mm)	400 x 400 x 230
Corresponding code in KIT	THR.370.A2A
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS

### Technical documentations:

File	Type	Size
 606002028_IST_TH370.pdf	PDF	1.16 MB

## CAD FILES

Please login to access this data.

## MARKETING DOCUMENTS

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