



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

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

Code: **THB.384.A1A**



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 connector
<b>Locking mechanism</b>	Screw lock
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Overall dimensions (mm)</b>	Ø 26.5 x 55.0
<b>Overall dimensions when mated together (mm)</b>	Ø 27.0 x 95.0

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	16A
Current rating (AC/DC) - UL	20A
Voltage rating (AC/DC)	400V AC
Impulse withstand voltage	4kV
No. poles	3
Marking	L-N-E
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 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> )	2.50
Conductor stripping length (mm)	8.00
Cable sheath stripping length (mm)	20.00
Reccomended 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
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

IEC Approvals	EN 61984:2009
UL/CSA Approvals	UL2238/C22.2 No.182.3
	<i>*TEST NEMKO EN 60998-1:2004 EN 60529:1991</i>

## COMMERCIAL DATA




EAN	8057457092715
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	17.30
Overall dimensions of box (mm)	400 x 210 x 170
Corresponding code in KIT	THR.384.S3A
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.


## TECHNICAL DOCUMENTATIONS

### Technical documentations:

File	Type	Size
 <a href="#">606002048_INST_TH384.pdf</a>	PDF	790.52 KB
 <a href="#">TH384_UL_InstallationSheet.pdf</a>	PDF	710.97 KB
 <a href="#">UL listed coding list.pdf</a>	PDF	97.48 KB

## DRAWINGS

### Drawings:

File	Type	Size
 THB_384_A1A.pdf	PDF	196.01 KB

## CAD FILES

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## MARKETING DOCUMENTS

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