



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

## Mini Socket Connector 3p Screw D7-13.5 IP66/IP68

Code: **THB.387.B3A.L**



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>	Socket connector
<b>Locking mechanism</b>	Screw lock

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Current rating (AC/DC) - UL	15A
Voltage rating (AC/DC) - UL	600V AC/DC
Impulse withstand voltage	4kV
No. poles	3
Marking	1-2-3
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
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.50
Solid conductor cross-section MAX (mm <sup>2</sup> )	2.50
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	25.00
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	13.50

## 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)	21.00

## APPROVALS

Please login to access this data.


## TECHNICAL DOCUMENTATIONS

### Technical documentations:

File	Type	Size
 606004000_TH387_volante_web.pdf	PDF	1.47 MB
 UL listed coding list.pdf	PDF	97.48 KB

## DRAWINGS

### Drawings:

File	Type	Size
 THX_387_BXA_L.pdf	PDF	174.06 KB

## CAD FILES

Please login to access this data.

## MARKETING DOCUMENTS

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