



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

## Mini Socket Connector 4p Screw D7-13.5 IP66/IP68

Code: **THB.387.B4A.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
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Overall dimensions (mm)</b>	Ø 23.0 x 66.0

## 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)	500V AC
Voltage rating (AC/DC) - UL	600V AC/DC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	4
Marking	1-2-3-4
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section 0.50  
without ferrule MIN (mm<sup>2</sup>)

Multi-stranded conductor cross-section 1.50  
without ferrule MAX (mm<sup>2</sup>)

Solid conductor cross-section MIN  
(mm<sup>2</sup>) 0.50

Solid conductor cross-section MAX  
(mm<sup>2</sup>) 1.50

Conductor stripping length (mm) 6.00

Cable sheath stripping length (mm) 25.00

Reccomended types of cable H05xxx/H07xxx/AWG14

Cable diameter MIN (mm) 7.00

Cable diameter MAX (mm) 13.50

Tightening torque of cable gland-  
connector 2.0 Nm

Tightening torque of nut-cable gland 2.5 Nm

## ENVIRONMENT CONDITIONS

IP rating IP66, IP68

*\*IP68 (30m/3h)*

IK rating IK07

Salt Mist Salt mist test : EN60068-2-11:2000

Mating cycles 1000 cycles

Ambient temperature MIN/MAX -40°C/+125°C

(According to  
EN61984/EN60998/EN62444)

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

## PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
UL/CSA Approvals	UL2238/C22.2 No.182.3