



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

## Current distributor plug & socket 3p Screw D7-12 IP66/IP68

Code: **THH.623.L3A**



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 and socket junction box <i>*Plug &amp; Socket connectors included in the kit</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	200.0 x 65.0 x 28.0

## ELECTRIC DATA

No. connected cables	4
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	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> )	1.50
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)	8.00
Main cable sheath stripping length (mm)	20.00
Branch 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>
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 TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free
Contacts	Brass
Contact screws	Steel
Lid/Fixing screws	Steel

## PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
---------------	---------------

## COMMERCIAL DATA

EAN	8057457095815
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	50
Weight per Piece (gr)	214.00
Overall dimensions of box (mm)	400 x 400 x 230
Corresponding code in KIT	THR.623.S3A
Custom tariff number	85369010
Country of origin	ITALY


## APPROVALS

Please login to access this data.

# TECHNICAL DOCUMENTATIONS

## Technical documentations:

---

File	Type	Size
 606002300_IST_TH622_623.pdf	PDF	357.78 KB

---

# MARKETING DOCUMENTS

Please login to access this data.

---