



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

## Current distributor plug & socket 2p Screw D4-8 IP66/IP68

Code: **THH.625.A2A.R**



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 <i>*Plug &amp; Socket connectors included in the kit</i>
<b>Locking mechanism</b>	Push Pull
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Overall dimensions (mm)</b>	58.8 x 39.25 x 16.39

## ELECTRIC DATA

No. connected cables	4
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	10A AC/DC
Voltage rating (AC/DC)	500V AC (3V-60V DC)
Impulse withstand voltage	1500V <i>*2000V(Surge protection)</i>
No. poles	2
Marking	1-2
Terminations	Screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section 0.25 without ferrule MIN (mm <sup>2</sup> )	
Multi-stranded conductor cross-section 1.00 without ferrule MAX (mm <sup>2</sup> )	
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.25
Solid conductor cross-section MAX (mm <sup>2</sup> )	1.00
Conductor stripping length (mm)	10.00
Main cable sheath stripping length (mm)	20.00
Branch cable sheath stripping length (mm)	20.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	4.00
Cable diameter MAX (mm)	8.00
Tightening torque of nut-cable gland	2.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP66, IP68 <i>*IP68 (5m/1h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	100 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-40°C/+100°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

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

---

## PRODUCT COMPLIANCES

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

---

**Item Code:** THH.625.A2A.R

**Description:** Current distributor 4 ways type "H"

**Item** THH.625.A2A - THB.381.A2A - THB.381.B2A **Features / Property**







**Description** Current distributor 4 ways type "H"

**IP protection:** IP68

**Contact marking:** 1 - 2

**Type of packaging:** single packed unit, not assembled. Installation Sheet included in the kit.

Item	Description	Quantity
 6DB057300	Closure caps	2
 6000435CC	Dado Ø 8mm	4
 6000473GT	Cable reductions	4
 6000462KC	Fixing tool	1