



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

Current distributor plug & socket 5p Screw D6-13.5 IP68

Code: THH.624.A5A.LR



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 & Socket connectors included in the kit</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	65.0 x 62.2 x 25.9
Overall dimensions when mated together (mm)	167.0 x 62.2 x 25.9

ELECTRIC DATA

No. connected cables	4
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Voltage rating (AC/DC)	500V AC
Impulse withstand voltage	4kV
No. poles	5
Marking	1-2-3-4-5
Terminations	Screw
Terminations Thread/Tightening torque M2 - 0.2 Nm	

CONNECTION DATA

Multi-stranded conductor cross-section 0.50
without ferrule MIN (mm²)

Multi-stranded conductor cross-section 1.50
without ferrule MAX (mm²)

Solid conductor cross-section MIN 0.50
(mm²)

Solid conductor cross-section MAX 1.50
(mm²)

Conductor stripping length (mm) 6.00

Main cable sheath stripping length (mm) 25.00

Branch cable sheath stripping length (mm) 25.00

Reccomended types of cable H05xxx/H07xxx

Cable diameter MIN (mm) 6.00

Cable diameter MAX (mm) 13.50

Tightening torque of nut-cable gland 2.5 Nm

ENVIRONMENT CONDITIONS

IP rating IP68

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

Exterior body	PA66 GF UL94 V0
Connector	PA66 GF UL94 V0
Cable gland	PA66 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
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Item Code: THH.624.A5A.L.R

Description: Current distributor 4 ways type "H"

Item THB.387.x5A.L – THH.624.A5A

Features / Property



Description Current distributor 4 ways type "H"

IP protection: IP68

Contact marking: 1 – 2 – 3 – 4 – 5

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

Item	Description	Quantity
 6DB023400	Closure caps	2
 6000337BC	Fixing tool	1