



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

Code: **THR.631.S5A**



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	Bayonet Lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	235.0 x 159.0 x 43.0

ELECTRIC DATA

No. connected cables	3
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Voltage rating (AC/DC)	400V AC
Impulse withstand voltage	6kV
No. poles	5
Marking	1-2-L-N-E
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	1.50
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	1.50
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
Tightening torque of Lid/Fixing screws	1.0 Nm

ENVIRONMENT CONDITIONS

Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	1000 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998/EN62444)	-40°C/+125°C
Operating temperature MAX	+60°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

Item Code: THR.631.S5A

Description: Current distributor 3 ways type "T"

Item THH.631.B5A

Features / Property







Description Current distributor 3 ways type "T"

IP protection: IP65

Contact marking: 1 - 2 - L - N - E

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

Item	Description	Quantity
	6000087LF Cable reductions 6-7 mm	3
	6DB01430C Closure caps	1
	600009600 Accessories for connector installation	1
	6000337BC Fixing tool	1