



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

Current distributor plug & socket 4p Screw IP66/IP68 UP

Code: THH.629.Y4EU.R



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	Push Pull
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	82.0 x 61.0 x 33.0

ELECTRIC DATA

No. connected cables	3
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	25A
Voltage rating (AC/DC)	630V AC
Impulse withstand voltage	2.5 kV
No. poles	4
Marking	1-2-3-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)	2.50
<i>*Cable sections up to 4 mm² accepted according to indicated electrical and technical parameters</i>	
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	2.50
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	25.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	13.00
Tightening torque of nut-cable gland	2.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP68
	<i>*IP68 (5m/1h)</i>
IK rating	IK08
	<i>*The locking/unlocking push button does not maintain the IK rating if impacted</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Ambient temperature MIN/MAX (According to EN61984/EN60998/EN62444)	-40°C/+125°C
Operating temperature MAX	+70°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	Silicone
Gaskets	Silicone
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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COMMERCIAL DATA

EAN	8057457099172
Packing method	Individually packed (KIT)
Type of packaging	Blister
Pieces/box (pcs)	10
Overall dimensions of box (mm)	300 x 200 x 180
Corresponding code in Box	THH.629.Y4EU
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 ANNEX_TH389UP_WEB.pdf	PDF	282.32 KB
 606002045_INSTALLATION SHEET _TH629U.pdf	PDF	1.27 MB

DRAWINGS

Drawings:

File	Type	Size
 THH.629.Y4EU.pdf	PDF	292.62 KB

CAD FILES

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MARKETING DOCUMENTS

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