



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 D4-8 IP66/IP68

Code: **THH.625.A3A.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 &amp; Socket connectors included in the kit</i>
Locking mechanism	Push Pull
Colour	Black (Plastic components) - White (Rubber components)
Overall dimensions (mm)	58.8 x 39.25 x 16.39

## ELECTRIC DATA

No. connected cables	4
Circuit wiring diagram	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	3
Marking	1-2-3
Terminations	Screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> )	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.00
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
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## COMMERCIAL DATA

EAN	8057457096294
Packing method	Individually packed ( KIT )
Type of packaging	Blister
Kit contents	 <a href="#">THH.625.A3A.R.pdf</a>
Pieces/kit (pcs)	1
Pieces/box (pcs)	10
Weight per Piece (gr)	71.40
Overall dimensions of box (mm)	200 x 200 x 120
Corresponding code in Box	THH.625.A3A
Custom tariff number	85369010
Country of origin	ITALY


## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS

### Technical documentations:

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File	Type	Size
 606007600_TH625.pdf	PDF	527.34 KB


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## DRAWINGS

### Drawings:

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File	Type	Size
 THH.625.A3A_12-03.pdf	PDF	349.25 KB

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## MARKETING DOCUMENTS

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