



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

## Junction Connector "Y" 5p Screw D7-13.5 IP68

Code: **THB.399.A5A**



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>	Joint connector (re-usable/re-accessible)
<b>Product configuration</b>	Junction connector
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Overall dimensions (mm)</b>	Ø 34.0 x 65.5 x 180

## ELECTRIC DATA

No. connected cables	3
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	32A
Voltage rating (AC/DC)	450V AC
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 <sup>2</sup> )	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.50
Solid conductor cross-section MAX (mm <sup>2</sup> )	1.50
Conductor stripping length (mm)	8.00
Main cable sheath stripping length (mm)	50.00
Branch cable sheath stripping length (mm)	30.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	13.50
Tightening torque of cable gland-connector	2.5 Nm
Tightening torque of nut-cable gland	2.5 Nm

## ENVIRONMENT CONDITIONS

IP rating	IP68 <i>*IP68 (20m/1h)</i>
IK rating	IK07
Salt Mist	Salt mist test : EN60068-2-11:2000
T marking	T 125°C
Proof Tracking Index (PTI)	PTI 250

## MATERIALS

Exterior body	PA66 GF UL94 V0
Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	Silicone
Gaskets	TPE
Material property	Halogen Free
Contacts	Brass
Contact screws	Steel

## PRODUCT COMPLIANCES

IEC Approvals	EN 60998-1:2004
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## COMMERCIAL DATA


EAN	8057457094597
Packing method	Bulk packed ( OEM )
Type of packaging	Box
Pieces/box (pcs)	100
Weight per Piece (gr)	108.00
Overall dimensions of box (mm)	600 x 270 x 400
Corresponding code in KIT	THR.399.S5L
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS


### Technical documentations:

File	Type	Size
 606001500_IST_TH399.pdf	PDF	863.40 KB

## DRAWINGS

### Drawings:

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File	Type	Size
 THB_399_AXA.pdf	PDF	155.62 KB

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## CAD FILES

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## MARKETING DOCUMENTS

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