



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

Joint connector panel-mounted 5p Screwless Grey M25 IP66/IP67/IP68

Code: **THS.394.A5A.CG**



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	Joint connector (re-usable/re-accessible)
Product configuration	Panel-mount connector (rear nut)
Colour	Grey (Plastic components) - Techno green - Black (Rubber components)
	<i>*Grey RAL 7035 (Plastic components)</i>
Overall dimensions (mm)	Ø35 mm x 65.6 mm
Type of panel	Conductive panel
Panel nut thread	M25
Panel thickness (mm)	2.50
Connector shape	Straight

ELECTRIC DATA

No. connected cables	2
Current rating (AC/DC)	16A
Voltage rating (AC/DC)	400V
Impulse withstand voltage	2.5kV
No. poles	5
Marking	1-2-3-N-E
	<i>*Clamping units per pole: external 1 - internal 2</i>
Terminations	Push In

CONNECTION DATA

	<i>*Internal conductor stripping length: 12 mm / External conductor stripping length: 17 mm</i>
Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.75
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	2.50
	<i>*Internal side accept solid conductor or with Tinner, Ferrule and Ultrasonically welded</i>
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	2.50
Cable sheath stripping length (mm)	55.00
Recommened types of cable	FG70R / H05VV-F / H05Z1Z1-F / H05RN-F / H07RN-F
Cable diameter MIN (mm)	9.00
Cable diameter MAX (mm)	17.00
Tightening torque of panel nut	1.0 Nm
Tightening torque of cable gland-connector	3.0 Nm
Tightening torque of nut-cable gland	4.0 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP67, IP68
	<i>*IP68 (3m/2h)</i>
IK rating	IK08
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-20°C / +70°C
Operating temperature MAX	+70°C

MATERIALS

Connector	PA 6.6
Cable gland	PA 6.6 UL94 V0
O Rings	NBR
Gaskets	TPE
Material property	Halogen Free - Silicone Free
Spring terminations	Steel / Copper

PRODUCT COMPLIANCES

IEC Approvals	EN 60998-1:2004
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COMMERCIAL DATA

EAN	8057457099585
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Overall dimensions of box (mm)	400 x 400 x 230
Corresponding code in KIT	THS.394.A5A.CG.R
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.


TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002059_installation sheet TH394.pdf	PDF	1.51 MB

DRAWINGS

Drawings:

File	Type	Size
 THS.394.A5A.CG.pdf	PDF	390.18 KB

CAD FILES

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