



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

KIT Joint connector panel-mounted 4p Screw M25 D6-13.5 IP68/IP69

Code: THB.391.L4A.L.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	Joint connector (re-usable/re-accessible)
Product configuration	Panel-mount connector (rear nut) <i>*Fixing nut included in the kit</i>
Colour	Black (Plastic components) - Techno green (Rubber components)
Type of pannel	Conductive panel
Panel nut thread	M25
Panel thickness (mm)	7.00
Connector shape	Straight

ELECTRIC DATA

No. connected cables	2
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	32A
Voltage rating (AC/DC)	450V AC
No. poles	4
Marking	1-2-3-4
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

**to use the 6.0 mm outer cable diameter it is necessary to use the reduction of nut already contained in the kit*

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	4.00
Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	4.00
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	25.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	6.00
Cable diameter MAX (mm)	13.50
Tightening torque of connector-panel adapter	1.5 Nm
Tightening torque of panel nut	1.5 Nm
Tightening torque of cable gland-connector	2.0 Nm
Tightening torque of nut-cable gland	2.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP68, IP69
	<i>*IP68 (30m/2h)</i>
IK rating	IK07
Salt Mist	Salt mist test : EN60068-2-11:2000
T marking	T 85°C
Proof Tracking Index (PTI)	PTI 250

MATERIALS

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

PRODUCT COMPLIANCES

IEC Approvals	EN 60998-1:2004
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Item Code: THB.391.L4A.LR

Description: In-line circular mini-joint connector type "I"

Item

Features / Property



Description In-line circular mini-joint connector type "I"

IP protection: IP68

Contact marking: 1 - 2 - 3 - 4

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

Item	Description	Quantity
 6000087LF	Cable reductions 6-7 mm	1
 6DB036500	Closure caps	1
 6000337BC	Fixing tool	1