



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

KIT Joint Connector 3p Screw D6-13.5 IP68/IP69

Code: **THR.400.S3D**



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	In-line connector
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 26.5 x 134.0

ELECTRIC DATA

No. connected cables	2
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	32A
Voltage rating (AC/DC)	450V AC
No. poles	3
Marking	L-N-E
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)	8.00
Cable sheath stripping length (mm)	30.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	6.00
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, IP69
	<i>*IP68 (50m/1h)</i>
IK rating	IK08
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

Item Code: THR.400.S3D

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

Item THB.400.C1A - THB.020.A1A

Features / Property





Description In-line circular joint connector type "I"

IP protection: IP68

Contact marking: L - N - E

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

Item	Description	Quantity
 6000087LF	Cable reductions 6-7 mm	2
 6000337BC	Fixing tool	1