



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 M20 D5-12 IP68

Code: **THB.391.H4A.R**



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>	Panel-mount connector (rear nut) <i>*Fixing nut included in the kit</i>
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)
<b>Type of panel</b>	Conductive panel
<b>Panel nut thread</b>	M20
<b>Panel thickness (mm)</b>	7.00
<b>Connector shape</b>	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 5.0 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 <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)	6.00
Cable sheath stripping length (mm)	20.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	5.00
Cable diameter MAX (mm)	12.00
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 <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

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## PRODUCT COMPLIANCES

IEC Approvals	EN 60998-1:2004
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**Item Code:** THB.391.H4A.R

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

**Item** THB.391.H4A

**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
 6000347LA	Cable reductions 5-7 mm	1
 6DB025200	Closure caps	1
 6000337BC	Fixing tool	1