



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

## KIT Mini Plug & Socket Connector panel-mounted 4p Screw M25 IP66/IP68

Code: **THB.387.E4A.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	Plug and Socket connector
Product configuration	Kit Panel nut mounting plug <i>*Fixing nut included in the kit</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Type of panel	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)	17.5A
Voltage rating (AC/DC)	500V AC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	4
Marking	1-2-3-4
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section 0.50  
without ferrule MIN (mm<sup>2</sup>)

Multi-stranded conductor cross-section 1.50  
without ferrule MAX (mm<sup>2</sup>)

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)	25.00
Recommened types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	5.00
Cable diameter MAX (mm)	12.00
Tightening torque of connector-panel adapter	1.0 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	IP66, IP68 <i>*IP68 (30m/3h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	1000 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998/EN62444)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

## MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	TPE
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel

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## PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
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**Item Code:** THB.387.E4A.R

**Description:** mini-Plug&Socket connector

**Item** THB.387.E4A - THB.387.B4A

**Features / Property**







**Description** mini-Plug&Socket connector

**IP protection:** IP66 / 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
 6DB028200	Closure caps	1
 6DB028400	Closure caps	1
 6000337BC	Fixing tool	1