



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.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	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 (mm²)

Multi-stranded conductor cross-section 1.50
without ferrule MAX (mm²)

Solid conductor cross-section MIN (mm ²)	0.50
Solid conductor cross-section MAX (mm ²)	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)	6.00
Cable diameter MAX (mm)	13.50
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

PRODUCT COMPLIANCES

IEC Approvals	EN 61984:2009
---------------	---------------

Item Code: THB.387.E4A.L.R

Description: mini-Plug&Socket connector

Item THB.387.E4A - THB.387.B4A.L

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
 6000347LF	Cable reductions 6-7 mm	1
 6DB021900	Closure caps	1
 6DB023400	Closure caps	1
 6000337BC	Fixing tool	1