



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 5p Screw D6-12 IP66/IP68

Code: **THB.387.A5A.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>	Plug and Socket connector
<b>Product configuration</b>	Plug and Socket connector
<b>Locking mechanism</b>	Screw lock
<b>Colour</b>	Black (Plastic components) - Techno green (Rubber components)

## ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	17.5A
Current rating (AC/DC) - UL	10A
Voltage rating (AC/DC)	500V AC
Voltage rating (AC/DC) - UL	600V AC/DC
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	5
Marking	1-2-3-4-5
Terminations	Screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

## CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm <sup>2</sup> )	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm <sup>2</sup> )	1.50
Solid conductor cross-section MIN (mm <sup>2</sup> )	0.25
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 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>
IK rating	IK07
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	1000 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998)	-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
UL/CSA Approvals	UL2238/C22.2 No.182.3

## COMMERCIAL DATA



EAN	8057457090810
Packing method	Individually packed ( KIT )
Type of packaging	Blister
Kit contents	 <a href="#">THB.387.A5A.R.pdf</a>
Pieces/kit (pcs)	1
Pieces/box (pcs)	50
Weight per Piece (gr)	73.20
Overall dimensions of box (mm)	400 x 210 x 170
Corresponding code in Box	THB.387.A5A - THB.387.B5A
Custom tariff number	85369010
Country of origin	ITALY

## APPROVALS

Please login to access this data.

## TECHNICAL DOCUMENTATIONS

### Technical documentations:

File	Type	Size
 <a href="#">UL listed coding list.pdf</a>	PDF	97.48 KB
 <a href="#">606004000_TH387_volante_web.pdf</a>	PDF	1.47 MB

## MARKETING DOCUMENTS

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