



The image is for guidance only and may not fully reflect the configuration of the product.

## Mini Plug Connector 5P Screw D7-13.5 IP66/IP68

Code: **THB.387.A5A.L**



Any changes made to the data sheet may be made without prior notice.

### GENERAL INFORMATION

<b>Installation Type</b>	Socket and plug connection
<b>Configuration</b>	Thorn
<b>Locking mechanism</b>	Screw lock
<b>Color</b>	Black (Plastic Components) - Techno Green (Rubber Components)
<b>External Dimensions (mm)</b>	Ø 23.0 x 66.0

## ELECTRICAL DATA

Connection points	1
Circuit Application	Power/Signal
Rated Current (AC/DC)	17.5A
Current Rating (AC/DC) - UL	10Th
Rated Voltage (AC/DC)	500V AC
Voltage Rating (AC/DC) - UL	600V AC/DC
Additional-reinforced insulation (Class II)	250V
Impulse withstand voltage	4kV
Number of poles	5
Contact Symbology	1-2-3-4-5
Type of contacts	Screw
Thread/Tightening Torque	M2 - 0.2 Nm

## CONNECTION DATA

MIN flexible conductor cross-section without cable lug (mm <sup>2</sup> )	0.25
Flexible conductor cross-section MAX without lug (mm <sup>2</sup> )	1.50
Rigid conductor cross-section MIN (mm <sup>2</sup> )	0.25
Rigid conductor cross-section MAX (mm <sup>2</sup> )	1.50
Conductor sheathing length (mm)	6.00
Cable sheathing length (mm)	25.00
Recommended cable type	H05xxx/H07xxx
MIN Cable Diameter (mm)	7.00
Cable diameter MAX (mm)	13.50
Tightening torque between cable gland and connector	2.0 Nm
Nut-gland tightening torque	2.5 Nm

## ENVIRONMENTAL CONDITIONS

IP Rating	IP66, IP68 <i>*IP68 (30m/3h)</i>
Degree of protection IK	IK07
Corrosion Resistance	Salt mist test : EN60068-2-11:2000
Connect-Disconnect Cycles	1000 cycles
Temperature MIN/MAX (According to standard EN61984/EN60998)	-40°C/+125°C
Operating Temperature MAX	+60°C
Tracking Index	PTI 175

## MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
Seals	TPE
Cable grommets	TPE
Overvoltage Category	II
Degree of pollution	2
Property	Halogen Free - Silicone Free
Contacts	Brass
Contact Screws	Steel

## PRODUCT COMPLIANCE

IEC Approved	EN 61984:2009
UL/CSA Approved	UL2238/C22.2 No.182.3

## COMMERCIAL DATA



EAN	8057457093125
Product Configuration	Industrial Packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight/piece (gr)	21.90
Box size (mm)	300 x 200 x 160
Matching KIT Pack	THB.387.A5A.L.R
Customs Code	85369010
Country of origin	ITALY

## CERTIFICATIONS

Effettua la login per vedere questa sezione.

## TECHNICAL DOCUMENTATION

### Technical Documentation:

File	Format	Dimension
 <a href="#">606004000_TH387_volante_web.pdf</a>	PDF	3.57 MB
 <a href="#">UL listed coding list.pdf</a>	PDF	97.48 KB

## 2D DRAWINGS

### 2D Drawings:

File	Format	Dimension
 THB.387.A5A.L.pdf	PDF	492.85 KB

## 3D FILES

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## COMMUNICATION MATERIAL

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