



The image is purely indicative and may not fully reflect the configuration of the product.

Mini Socket Connector 4P Screw D7-13.5 IP66/IP68

Code: **THB.387.B4A.L**



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

GENERAL INFORMATION

Installation Type	Socket and plug connection
Configuration	Grip
Locking mechanism	Screw lock
Color	Black (Plastic Components) - Techno Green (Rubber Components)
External Dimensions (mm)	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	15A
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	4
Contact Symbology	1-2-3-4
Type of contacts	Screw
Thread/Tightening Torque	M3 - 0.8 Nm

CONNECTION DATA

MIN flexible conductor cross-section without cable lug (mm ²)	0.50
Flexible conductor cross-section MAX without cable lug (mm ²)	1.50
Rigid conductor cross-section MIN (mm ²)	0.50
Rigid conductor cross-section MAX (mm ²)	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	8057457093187
Product Configuration	Industrial Packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight/piece (gr)	22.90
Box size (mm)	300 x 200 x 160
Matching KIT Pack	THB.387.A4A.L.R
Customs Code	85369010
Country of origin	ITALY

CERTIFICATIONS

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TECHNICAL DOCUMENTATION

Technical Documentation:

File	Format	Dimension
 606004000_TH387_volante_web.pdf	PDF	3.57 MB
 UL listed coding list.pdf	PDF	97.48 KB

2D DRAWINGS

2D Drawings:

File	Format	Dimension
 THX_387_BXA_L.pdf	PDF	174.06 KB

3D FILES

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COMMUNICATION MATERIAL

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