techno
TECHNOLOGY & INNOVATION

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

Mini Plug Connector 3p Screw D7-12 IP66/IP68

Code: **THB.387.A3A**

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	Plug connector
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 23.0 x 50.0

ELECTRIC DATA

No. connected cables	1
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	3
Marking	1-2-3
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm²)	2.50
Solid conductor cross-section MIN (mm²)	0.50
Solid conductor cross-section MAX (mm²)	2.50
Conductor stripping length (mm)	6.00
Cable sheath stripping length (mm)	20.00
Reccomended types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
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
	**IP68 (30m/3h)*
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

COMMERCIAL DATA

EAN	8057457093057
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	17.50
Overall dimensions of box (mm)	300 x 200 x 160
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
606004000_TH387_volante_web.pdf	PDF	3.57 MB

DRAWINGS

Drawings:

File	Type	Size
THB_387_AXA.pdf	PDF	174.62 KB

CAD FILES

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MARKETING DOCUMENTS

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