

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

Mini Plug

P66/IP68



Potential improvements

al data contained in this

GENERAL INFORM

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 26.5 x 55.0
Overall dimensions when mated together (mm)	Ø 27.0 x 95.0

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Voltage rating (AC/DC)	500V AC
Impulse withstand voltage	4kV
No. poles	5
Marking	1-2-3-4-5
Terminations	Hex socket screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.25
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	1.00
Conductor stripping length (mm)	8.00
Cable sheath stripping length (mm)	20.00
Recommened types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	7.00
Cable diameter MAX (mm)	12.00
Tightening torque of nut-cable gland	2.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP68
	<i>*IP68 (5m/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/EN62444)	-40°C/+125°C
Operating temperature MAX	+85°C
Proof Tracking Index (PTI)	PTI 175

MATERIALS

Exterior body	PA66 UL94 V2
Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
O Rings	Silicone
Gaskets	TPE
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free
Contacts	Brass
Contact screws	Steel

PRODUCT COMPLIANCES

IEC Approvals	Halogen Free
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COMMERCIAL DATA

Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	16.17
Overall dimensions of box (mm)	400 x 210 x 170
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002048_INST_TH384.pdf	PDF	1.02 MB

DRAWINGS

Drawings:

File	Type	Size
 THB.384.A5A.pdf	PDF	369.24 KB

CAD FILES

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MARKETING DOCUMENTS

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