



Mini Plug Connector panel-mounted 2p Screw M20 IP68

THB.385.A2D



CE UK CA



HF
Halogen Free



MADE IN ITALY

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Plug connector <i>*Fixing nut included in the kit</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions when mated together (mm)	Ø 27.0 x 75.0
Panel nut thread	M20
Panel thickness (mm)	4.00
Connector shape	Straight

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	16A
Voltage rating (AC/DC)	400V AC
Impulse withstand voltage	4kV
No. poles	2
Marking	L-N
Terminations	Screw
Terminations Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

Multi-stranded conductor cross-section without ferrule MIN (mm ²)	0.50
Multi-stranded conductor cross-section without ferrule MAX (mm ²)	2.50
Conductor stripping length (mm)	8.00
Recommened types of cable	H05xxx/H07xxx
Tightening torque of connector-panel adapter	1.0 Nm
Tightening torque of panel nut	1.5 Nm

ENVIRONMENT CONDITIONS

IP rating	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)	-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
Impulse withstand category	II
Pollution degree	2
Material property	Halogen Free
Contacts	Brass
Contact screws	Steel

COMMERCIAL DATA


EAN	8057457092814
Packing method	Bulk packed (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight per Piece (gr)	15.00
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.

INSTALLATIONS SHEET

Assembly instructions

File	Type	Size
 606001100_IST_TH380_382_384_385_388.pdf	PDF	595.99 KB

DRAWINGS

Drawings

File	Type	Size
 THB_385_A2D.pdf	PDF	178.02 KB

CAD FILES

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MARKETING DOCUMENTS

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