



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

KIT Micro Plug el-mounted 3p



Potential improvements



MADE IN ITALY

al data contained in this

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Kit Panel nut mounting plug
	<i>*Fixing nut included in the kit</i>
Locking mechanism	Push Pull
Colour	Black (Plastic components) - White (Rubber components)
Type of pannel	Conductive panel
Panel nut thread	M16
Panel thickness (mm)	7.00
Connector shape	Straight

ELECTRIC DATA

No. connected cables	2
Circuit wiring diagram	Signal
Current rating (AC/DC)	10A AC/DC
Voltage rating (AC/DC)	500V AC (3V-60V DC)
Double insulated (Class II)	250V
Impulse withstand voltage	4kV
No. poles	3
Marking	1-2-3
Terminations	Hex socket screw
Terminations Thread/Tightening torque	M2 - 0.1 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)	10.00
Cable sheath stripping length (mm)	20.00
Recommened types of cable	H05xxx/H07xxx
Cable diameter MIN (mm)	3.50
Cable diameter MAX (mm)	7.90
Tightening torque of connector-panel adapter	1 Nm
Tightening torque of panel nut	1.5 Nm
Tightening torque of nut-cable gland	1.5 Nm

ENVIRONMENT CONDITIONS

IP rating	IP66, IP68
	<i>*IP68 (30m/1h)</i>
Salt Mist	Salt mist test : EN60068-2-11:2000
Mating cycles	100 cycles
Ambient temperature MIN/MAX (According to EN61984/EN60998/EN62444)	-40°C/+125°C
Operating temperature MAX	+60°C
Proof Tracking Index (PTI)	PTI 175

MATERIALS

Exterior body	PA66 GF UL94 V2
Connector	PA66 GF UL94 V0
Cable gland	PA66 GF 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
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COMMERCIAL DATA

EAN	8057457096157
Packing method	Individually packed (KIT)
Type of packaging	Blister
Kit contents	 THB.381.N3A.R.pdf
Pieces/kit (pcs)	1
Pieces/box (pcs)	50
Weight per Piece (gr)	43.00
Overall dimensions of box (mm)	300 x 200 x 180
Corresponding code in Box	THB.381.N3A - THB.381.B3A
Custom tariff number	85369010
Country of origin	ITALY

APPROVALS

Please login to access this data.

TECHNICAL DOCUMENTATIONS

Technical documentations:

File	Type	Size
 606002034_TH381 PANEL INSTALLATION.pdf	PDF	1.57 MB

MARKETING DOCUMENTS

Please login to access this data.