



The image is for guidance only and may not fully reflect the configuration of the product.

Micro Connector Panel Plug 2p Screw M16 IP66/IP68/IP69

Code: **THB.381.N2A**



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

GENERAL INFORMATION

Installation Type	Socket and plug connection
Configuration	Thorn
	<i>*Fixing nut included in the package</i>
Locking mechanism	Push Pull
Color	Black (Plastic Components) - Techno Green (Rubber Components)
Panel Type	Conductive
Thread type	M16
MAX panel thickness (mm)	7.00
Connector Orientation	Straight

ELECTRICAL DATA

Connection points	1
Circuit Application	Power/Signal
Rated Current (AC/DC)	10A AC/DC
Rated Voltage (AC/DC)	500V AC (3V-60V DC)
Additional-reinforced insulation (Class II)	250V
Impulse withstand voltage	4kV
Number of poles	2
Contact Symbology	1-2
Type of contacts	Screw
Thread/Tightening Torque	M2 - 0.2 Nm

CONNECTION DATA

MIN flexible conductor cross-section without cable lug (mm ²)	0.25
Flexible conductor cross-section MAX without lug (mm ²)	1.00
Conductor sheathing length (mm)	10.00
Cable sheathing length (mm)	20.00
Recommended cable type	H05xxx/H07xxx
Tightening torque of fixing nut	1.5 Nm

ENVIRONMENTAL CONDITIONS

IP Rating	IP66, IP68, IP69
	<i>*IP68 (30m/1h)</i>
Corrosion Resistance	Salt mist test : EN60068-2-11:2000
Connect-Disconnect Cycles	100 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 GF UL94 V2
Seals	TPE
Cable grommets	TPE
Overvoltage Category	II
Degree of pollution	2
Property	Halogen Free - Silicone Free
Contacts	Brass
Contact Screws	Steel

COMMERCIAL DATA

EAN	8057457092647
Product Configuration	Industrial Packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight/piece (gr)	7.90
Box size (mm)	300 x 200 x 180
Matching KIT Pack	THB.381.N2A.R
Customs Code	85369010
Country of origin	ITALY

CERTIFICATIONS

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TECHNICAL DOCUMENTATION

Technical Documentation:

File	Format	Dimension
 606002034_TH381 PANEL INSTALLATION.pdf	PDF	801.73 KB

2D DRAWINGS

2D Drawings:

File	Format	Dimension
 THB.381.N2A.pdf	PDF	340.02 KB

3D FILES

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COMMUNICATION MATERIAL

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