



The image is purely indicative and may not fully reflect the configuration of the product.

Mini Connector Panel plug 3p M20 screw IP66/IP68 UP

Code: **THB.389.N3EU**



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

GENERAL INFORMATIONS

Installation type	Socket and plug connection
Configuration	Panel plug with nut <i>*Fixing nut included in the packaging</i>
Locking mechanism	Push Pull
Color	Black (Plastic components) - Techno Green (Rubber components)
Panel type	Conductive
Thread type	M20
MAX panel thickness (mm)	9.00
Connector orientation	Straight

ELECTRICAL DATA

Connection points	1
Circuit application	Power/Signal
Rated current (AC/DC)	25A
Rated voltage (AC/DC)	630V AC
	<i>*IEC Approval pending</i>
Impulse withstand voltage	4kV
Number of poles	3
Contact symbols	1-3-E
Type of contacts	Lives
Thread/Tightening torque	M3 - 0.8 Nm

CONNECTION DATA

MIN flexible conductor section without terminal (mm ²)	0.50
MAX flexible conductor section without terminal (mm ²)	2.50
MIN rigid conductor section (mm ²)	0.50
MAX rigid conductor section (mm ²)	2.50
Wire stripping length (mm)	6.00
Cable stripping length (mm)	25.00
Recommended cable type	H05xxx/H07xxx
MIN cable diameter (mm)	7.00
MAX cable diameter (mm)	1.00pm
Panel connector-adapter tightening torque	1.0 Nm
Fastening nut tightening torque	1.5 Nm

ENVIRONMENTAL CONDITIONS

IP protection rating	IP66, IP68
Degree of protection IK	IK08
Connection-disconnection cycles	100 cycles
MIN/MAX temperature (According to EN61984/EN60998)	-40°C/+125°C
MAX operating temperature	+100°C
Tracking index	PTI 175

MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
Seals	Silicone
Overvoltage category	II
Degree of pollution	3
Property	Halogen Free
Contacts	Brass
Contact screws	Steel

COMMERCIAL DATA



Product configuration	Industrial packaging (OEM)
Pieces/box (pcs)	200
Customs code	85369010
country of origin	ITALY

CERTIFICATIONS

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TECHNICAL DOCUMENTATION

Technical documentation:

File	Format	Dimension
 606002042_IST_TH389U.pdf	PDF	1.13 MB
 ANNEX_TH389UP_WEB.pdf	PDF	282.32 KB

2D DRAWINGS

2D drawings:

File	Format	Dimension
 THB.389.N3EU.pdf	PDF	334.77 KB