



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

Mini Connector Panel socket 5p Spring M20 IP66/IP68/IP69

Code: **THS.389.M5E**



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

GENERAL INFORMATIONS

Installation type	Socket and plug connection
Configuration	Panel socket with nut
	<i>*Fixing nut included in the packaging</i>
Locking mechanism	Push Pull
Color	Black/Brown/White (Plastic components) - Techno Green (Rubber components)
External dimensions (mm)	Ø 23.0 x 18.75
External dimensions of socket plug inserted (mm)	Ø 23.0 x 80.0
Thread type	M20
MAX panel thickness (mm)	3.00
Connector orientation	Straight

ELECTRICAL DATA

Connection points	1
Circuit application	Power/Signal
Rated current (AC/DC)	17.5A AC/DC
Rated current (AC/DC) - UL	10A
Rated voltage (AC/DC)	500V AC
Rated voltage (AC/DC) - UL	600V AC/DC
Impulse withstand voltage	2.5kV
Number of poles	5
Contact symbols	1-2-3/LNE
Type of contacts	Spring

CONNECTION DATA

MIN flexible conductor section without terminal (mm ²)	0.25
MAX flexible conductor section without terminal (mm ²)	1.50
MIN rigid conductor section (mm ²)	0.25
MAX rigid conductor section (mm ²)	1.50
Wire stripping length (mm)	12.00
Cable stripping length (mm)	25.00
Recommended cable type	H05xxx/H07xxx
Fastening nut tightening torque	1.5 Nm

ENVIRONMENTAL CONDITIONS

IP protection rating	IP66, IP68, IP69
	<i>*IP68 (5m/1h)</i>
Corrosion resistance	Salt mist test: EN60068-2-11:2000
MIN/MAX temperature (According to EN61984/EN60998)	-40°C/+125°C
MAX operating temperature	+60°C
Tracking index	PTI 175

MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 UL94 V2
Seals	TPE
Cable sealing rubbers	TPE
Overvoltage category	II
Degree of pollution	2
Property	Halogen Free - Silicone Free
Clamping spring	Brass/Steel

PRODUCT COMPLIANCE

UL/CSA approved	UL2238/C22.2 No.182.3
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COMMERCIAL DATA


EAN	8057457098311
Product configuration	Industrial packaging (OEM)
Type of packaging	Box
Pieces/box (pcs)	200
Weight/piece (g)	18.06
Customs code	85369010
country of origin	ITALY

CERTIFICAZIONI

Effettua la login per vedere questa sezione.


DOCUMENTAZIONE TECNICA

Documentazione Tecnica:

File	Formato	Dimensione
 606002040_Istruzioni_TH389_pannello_molla_web.pdf	PDF	1.41 MB

DISEGNI 2D

Disegni 2D:

File	Formato	Dimensione
 THS_389_M5E.pdf	PDF	283.01 KB

FILE 3D

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MATERIALE DI COMUNICAZIONE

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