



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

Mini Socket Connector panel-mounted 5p 90° Screw M20 IP68

Code: **THB.385.R5F**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

GENERAL INFORMATION

Type of installation	Plug and Socket connector
Product configuration	Panel nut mounting socket <i>*Fixing nut included in the kit</i>
Locking mechanism	Screw lock
Colour	Black (Plastic components) - Techno green (Rubber components)
Overall dimensions (mm)	Ø 26.7 x 35.15 x 53.9
Panel nut thread	M20
Panel thickness (mm)	4.00
Connector shape	90° Angle

ELECTRIC DATA

No. connected cables	1
Circuit wiring diagram	Power/Signal
Current rating (AC/DC)	10A
Voltage rating (AC/DC)	500V AC
Impulse withstand voltage	4kV
No. poles	5
Marking	1-2-3-4-5
Terminations	Hex socket screw
Terminations Thread/Tightening torque	M2 - 0.2 Nm

CONNECTION DATA

Multi-stranded conductor cross-section 0.25 without ferrule MIN (mm ²)	
Multi-stranded conductor cross-section 1.00 without ferrule MAX (mm ²)	
Conductor stripping length (mm)	8.00
Recommened types of cable	H05xxx/H07xxx
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/EN62444)	-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