

Essailec® RJ45 for current and voltage sensors

Make before break principle



Description

Dedicated for the use in Digital Switchgear including sensors (current or voltage):

- RJ45 connection type (Cat.5),
- Allow safe and easy measurement and injection operations,
- Signals protection against EMI/RFI thanks to shielded lid on shielded socket,
- Shielding tests according to IEC 62271-1 Annex J,
- Grounding point: M5 screw to be wired with an adapted ring lug termination.

Make before break principle:

- The circuits are automatically disconnected with the insertion of the plug,
- The circuits close automatically when the plug is removed.

Main technical data

Connecting capacity	IEC 947-1
Body	Polycarbonate UL94 V0
Conductive parts	Silver-plated
Rated voltage	125 V
Impulse withstand voltage	1000 V
Pollution degree	3
Rated current	1.5 A
Accuracy	0.5
Storage temperature range	-40 ... +85 °C
Operating temperature range	-40 ... +85 °C
Protection without lid / with lid	IP20 / IP40

Mounting instructions

Tool (for grounding screw)		Posidriv Ø 4 mm Ø 0.16 in
Torque (for grounding screw)		1.2 Nm 10.8 lb.in

Ordering details

Color	Type	Order code	Pkg qty	Weight (1 pce)	g	Lid / Cover	Plug	Socket
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Socket with lid – Flush mounting

RJ45

Grey	TC-E-RJ45-INF	1SNA566000R0000	3	138.90	Included	FI-RJ45-DIA4	–
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Plug

Grey	FI-RJ45-DIA4	1SNA566001R0000	1	69.60	–	–	TC-E-RJ45-INF
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Accessories

Description	Color	Type	Order code	Pkg qty	Weight (1 pce)	g
1 Lid for RJ45 socket (spare part)	Grey	CPT-RJ45	1SNA167002R0000	1		

