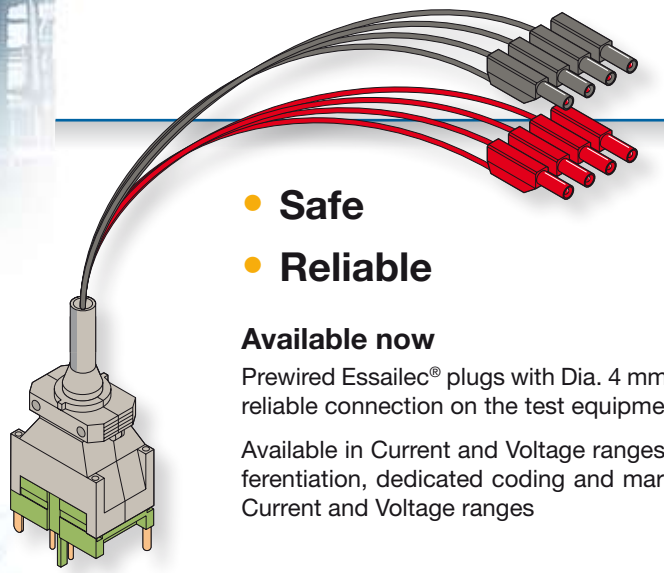
Essailec®

New prewired plug assemblies
with IP20 Dia. 4 mm (*.157*") test plugs



- **Safe**
- **Reliable**

according to the latest standards

Available now

Prewired Essailec® plugs with Dia. 4 mm (*.157*") isolated test plugs for safe and reliable connection on the test equipment side.

Available in Current and Voltage ranges, in 2 m (*.078*") length. With colour differentiation, dedicated coding and marking for perfect identification between Current and Voltage ranges

Applications

In current and voltage transformers secondary circuits for safe and reliable :

- Protection relays testing in control relay panel
- Meters control and calibration
- Data acquisition for network analysis

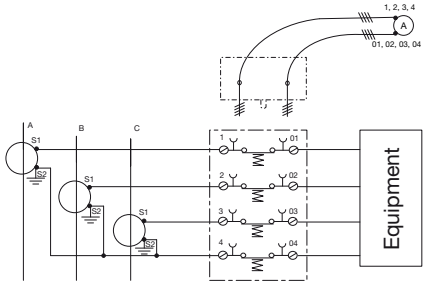
With Essailec®, benefit from more than 30 years of experience and successful implementations with major worldwide utilities and OEMs.

Benefits

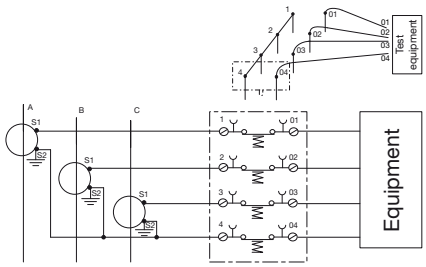
In CT secondary circuits, very high induced voltages are generated if the CT secondary circuits are opened. Equipment and users are then in danger (electrical shocks).

With Essailec®, safely and simply insert the prewired plug in the socket:

- Plug and play for measuring operations with the new COR-C-4 or COR-C-1. Automatic "Make before break" sequence, no cursor or screws to operate.



- Plug and play for short circuiting operations with the new COR-C-5 or COR-C-2 with inner shorting links. No short circuiting bridge to operate.



In VT secondary circuits, Essailec® is well appreciated in switchgears applications for its simple testing procedure: plug and play operation with the new COR-T-5 or COR-T-4-4 Essailec® prewired plugs.



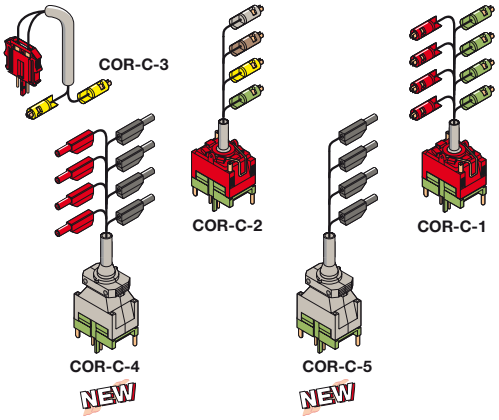
Characteristics

- 2 m (*.078"*) length
- 2.5 mm² (*12 AWG*) wire section
- Gold plated contact in Current range for low current measurement (meters control and calibration)

Current range

Technical data

	IEC 947-1
Rated voltage	400 V
Impulse withstand voltage	4 kV
Pollution degree	3
Rated current	15 A
Short-circuit current	100 A / 5 s - 200 A / 1 s



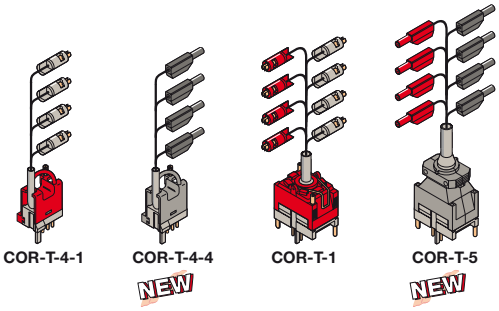
Ordering details

Description		Type	Order code	Pack(ing) pieces	Weight kg (1 pce)
Prewired plugs (precoded: 6.6)					
2 poles prewired plug made of:		COR-C-3	1SNA **166 643** R**02**00	1	
1 plug 2 poles	Red ■	FIC-2/1-1			
2 bayonet security test plugs	Yellow ■	FCB..			
2x4 poles prewired plug made of:		COR-C-1	1SNA **166 638** R**05**00	1	0.87
1 plug 2x4 poles	Green ■	FIC-2/4-1			
4 bayonet security test plugs	Green ■	FCB..			
4 bayonet security test plugs	Red ■	FCB..			
2x4 poles prewired plug made of:		COR-C-4	1SNA **167 932** R**15**00	1	0.87
1 plug 2x4 poles	Green ■	FIC-2/4-2			
NEW 4 x Ø 4 mm (*.157"*) test plugs	Black ■	FC4-5			
4 x Ø 4 mm (*.157"*) test plugs	Red ■	FC4-4			
2x4 poles prewired plug for injection made of:		COR-C-2	1SNA **166 778** R**11**00	1	0.47
1 plug 2x4 poles	Green ■	FIC-2/4-1			
with 4 short circuited pins (1-2-3-4)					
1 bayonet security test plug	Green ■	FCB..			
1 bayonet security test plug	Grey ■	FCB..			
1 bayonet security test plug	Brown ■	FCB..			
1 bayonet security test plug	Yellow ■	FCB..			
2x4 poles prewired plug for injection made of:		COR-C-5	1SNA **167 934** R**17**00	1	0.47
1 plug 2x4 poles	Green ■	FIC-2/4-2			
NEW with 4 short circuited pins (1-2-3-4)					
4 x Ø 4 mm (*.157"*) test plugs	Black ■	FC4-5			

Voltage range

Technical data

	IEC 947-1
Rated voltage	400 V
Impulse withstand voltage	4 kV
Pollution degree	3
Rated current	8 A
Short-circuit current	25 A / 5 s - 800 A / 25 ms



Ordering details

Description		Type	Order code	Pack(ing) pieces	Weight kg (1 pce)
Prewired plugs					
4 poles prewired plug made of:		COR-T-4-1	1SNA **166 640** R**13**00	1	
1 plug 4 poles	Grey □	FIT-1/4-D			
4 bayonet security test plugs	Grey □	FCB..			
4 poles prewired plug made of:		COR-T-4-4	1SNA **167 935** R**10**00	1	
NEW 1 plug 4 poles	Grey □	FIT-1/4-D			
4 x Ø 4 mm (*.157"*) test plugs	Black ■	FC4-5			
2x4 poles prewired plug made of:		COR-T-1	1SNA **166 639** R**06**00	1	0.87
1 plug 2x4 poles (precoded: 2.2)	Grey □	FIT-2/4-1			
4 bayonet security test plugs	Red ■	FCB..			
4 bayonet security test plugs	Grey □	FCB..			
2x4 poles prewired plug made of:		COR-T-5	1SNA **167 933** R**16**00	1	0.87
1 plug 2x4 poles (precoded: 2.2)	Grey □	FIT-2/4-2			
NEW 4 x Ø 4 mm (*.157"*) test plugs	Black ■	FC4-5			
4 x Ø 4 mm (*.157"*) test plugs	Red ■	FC4-4			

Caution: the prewired test leads must be connected to the test equipment prior to the insertion of the Essailec® prewired plug on the socket.

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