






### Description

Short-circuited type contacts for measurement, calibration and distribution applications.

Make before break principle:

- The circuit is automatically shorted with the insertion of the plug.
- The circuit closes automatically when the plug is removed.
- This system guarantees a complete safety.
- By convention, green coding is for current circuit.

### Ordering details

Description	Type	Part Number	Pkg qty	Weight 1 pce g	Compatible products Socket
<b>1 pole plug with contact pins</b>					
 Plug with 2x 2.5 mm <sup>2</sup> contact pins (BRE-C-2.5), without coding pins.	FIC-2/1-1	1SNA166819R2300	1	27	CC-E-VA CC-E-VA-6.6 CC-E-VA-R2-6.6 CC-S-INF-VL-6.6 CC-D-VA CC-TH35-VL-6.6 CC-R-VA CC-I-VA-2
<b>Plugs without contact pins (contact pins BRE-C..., to be ordered separately)</b>					
 Plugs 2x4 poles, long cover, with 2 coding pins (COP-FI-1) and 8 locking pins. Contacts pins (BRE-C...) to be ordered separately.	FIC-2/4-2	1SNA166936R1000	1	105	CC-E-VA CC-E-VA-6.6 CC-E-VA-R2-6.6 CC-S-INF-VL-6.6 CC-D-VA CC-TH35-VL-6.6
 Plugs 2x4 poles, short cover, with 2 coding pins (COP-FI-1) and 8 locking pins. Contacts pins (BRE-C...) to be ordered separately.	FIC-2/4-1	1SNA166525R1400	1	91	CC-E-VA CC-E-VA-6.6 CC-E-VA-R2-6.6 CC-S-INF-VL-6.6 CC-D-VA CC-TH35-VL-6.6
 Plug 2x4 poles, rack mounting R version, with 2 coding pins (COP-FI-1) and 8 locking pins. Contacts pins (BRE-C...) to be ordered separately.	FIC-2/4-R	1SNA166529R2000	1	80	CC-R-VA
 Plug 2x4 poles, reverse mounting I version, with 2 coding pins (COP-FI-1) and 8 locking pins. Contacts pins (BRE-C...) to be ordered separately.	FIC-2/4-I	1SNA166589R2500	1	60	CC-I-VA-2
<b>BRE contact pins</b>					
Pin 1 mm <sup>2</sup>	BRE-C-1	1SNA167264R0700	10	2.6	-
Pin 1.5 mm <sup>2</sup>	BRE-C-1.5	1SNA167265R0000	10	2.6	-
Pin 2.5 mm <sup>2</sup>	BRE-C-2.5	1SNA167260R1700	10	3	-
Pin 4 mm <sup>2</sup>	BRE-C-4	1SNA205876R0400	10	3	-
Pin 6 mm <sup>2</sup>	BRE-C-6	1SNA168146R0200	10	3	-
<b>Tools for contact pins</b>					
1 Pin extraction tool	EXBR1	1SNA167008R0300	1	24	-
2 Crimping tool for BRE pins 1 to 2.5 mm <sup>2</sup> (1)	PSC	1SNA173181R1300	1	478	-
3 Locking sleeve for contact pin	DLVR	1SNA167971R2400	10	0.4	-
<b>dia 4 mm test plugs</b>					
4 IP20 with mobile protection	FC4-1	1SNA167927R1000	10	11	-
5 IP20 with permanent protection	FC4-5	1SNA167931R1400	10	10	-
<b>Bayonet plugs</b>					
6 Bayonet security test plug / Black	FCB-1	1SNA167690R0700	10	7	-
Bayonet security test plug / Red	FCB-2	1SNA167692R2500	10	7	-
7 Isolating cap for FCB plug	CA	1SNA167697R2200	10	1.2	-
<b>Accessories</b>					
8 Straight adaptor	IR1	1SNA167622R2600	5	15	-
9 H adaptor (short-circuit bridge)	IR2	1SNA167623R2700	5	35	-
10 Isolating cap for IR1 and IR2 adaptors	DI	1SNA167981R1700	10	7	-
11 Adaptor between FCB plug and ring-tongue test interface	IR3	1SNA167624R2000	10	6.4	-
<b>Coding pins</b>					
12 Plug coding pin	COP-FI-1	1SNA167378R1100	10	2.3	-

(1) Referring to 1SNC169040D1702 to find other crimping tools

## Current Transformers application

### ESSAILEC® customized plugs

#### Pin installation on plugs

