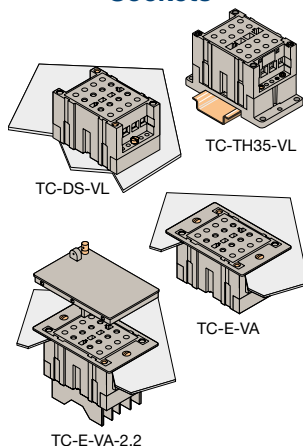
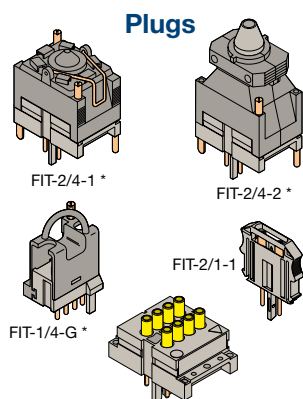




Sockets



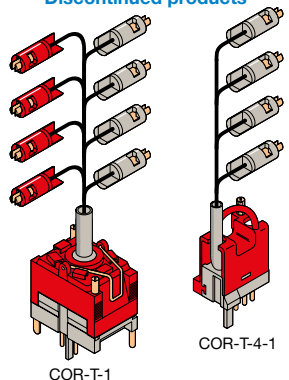
Plugs



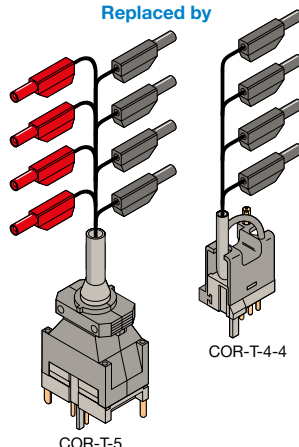
* The BRE contacts pins are to be ordered separately

Prewired plugs

Discontinued products



Replaced by



Contacts: - Make before break
- Opened
- Closed

Voltage range color code: Grey □
Body: Polycarbonate
Conductive parts: Silver-plated

Technical data

| | | IEC 947-1 | | |
|----------------------------------|--------------------|----------------------------|---------------------------|----------------------------------|
| | | Socket | | Plug |
| | | Screw clamp (VL) | Ring-tongue (VA) | Pin BRE |
| Connecting capacity | Rigid conductor | 0.2 - 6 mm ² | 0.34 - 10 mm ² | See Datasheet 1SNC169040D1701 |
| | Flexible conductor | 0.22 - 4 mm ² | | |
| Wire stripping length | | 9.5 mm / .370" | | |
| wire 0.22 - 0.34 mm ² | | | | |
| wire 0.75 - 6 mm ² | | | | |
| Recommended screwdriver | | 4 mm / .157" | | |
| Recommended torque | | 0.5-0.8 Nm / 4.4-7.1 lb.in | | |
| Ø | | Ø 3 mm | | |
| Width | | 7.5 mm | | |
| 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 | | |
| Storage temperature range | | -25 °C ~ +70 °C | | |
| Working temperature range | | -10 °C ~ +55 °C | | |
| Front panel protection | | with cover | IP40 | |
| | | without cover | IP20 | |

Ordering details

| Description | Type | Order code | Packaging | Weight kg |
|---|----------|-----------------------|-----------------|-----------|
| Sockets (a) | | | | |
| TH35 rail mounting short circuited contacts | Screw | TC-TH35-VL | 1SNA166964R0000 | 1 0.11 |
| Half-base mounting / base mounting | Screw | | | |
| opened contacts | | TO-DS-VL | 1SNA166741R0400 | 1 0.1 |
| short-circuited contacts | | TC-DS-VL | 1SNA166742R0500 | 1 0.1 |
| closed contacts | | TF-DS-VL | 1SNA166503R2700 | 1 |
| Flush mounting | R.tongue | | | |
| opened contacts | | TO-E-VA | 1SNA166743R0600 | 1 |
| short-circuited contacts | | TC-E-VA | 1SNA166747R0200 | 1 0.14 |
| closed contacts | | TF-E-VA | 1SNA166745R0000 | 1 |
| Half-base mounting | R.tongue | | | |
| opened contacts | | TO-D-VA | 1SNA166744R0700 | 1 |
| short-circuited contacts | | TC-D-VA | 1SNA166748R1300 | 1 |
| closed contacts | | TF-D-VA | 1SNA166746R0100 | 1 0.12 |
| Reverse mounting | R.tongue | | | |
| opened contacts | | TO-I-VA-2 | 1SNA166945R2100 | 1 |
| Flush mounting with lid | R.tongue | | | |
| short-circuited contacts and precoded 2.2 | | TC-E-VA-2.2 | 1SNA166627R2200 | 1 |
| | | TC-E-VA-R2-2.2 | 1SNA166977R0000 | 50 0.15 |
| Base mounting | Screw | | | |
| with 4 independent Ø 4 mm circuits with compact cover no coding | | TT4-S-VL-INF | 1SNA166972R0000 | 40 0.15 |

Other preequipped sockets: consult us

Plugs

| | | | | |
|--|--------------------|-----------------|---|-------|
| Plug 2 poles with 2.5 mm ² pins | FIT-2/1-1 | 1SNA166821R1500 | 1 | |
| Plug 2x4 poles (b) | FIT-2/4-2 | 1SNA166937R1100 | 1 | 0.11 |
| Plug 2x4 poles (b) | FIT-2/4-1 | 1SNA166550R0100 | 1 | 0.09 |
| Plug 2x4 poles, reverse mounting ! (b) | FIT-2/4-1 | 1SNA166672R0700 | 1 | |
| Plug 4 poles - insertion 1-2-3-4 (c) | FIT-1/4-G | 1SNA166547R2200 | 1 | |
| Plug 4 poles - insertion 01-02-03-04 (c) | FIT-1/4-D | 1SNA166546R2100 | 1 | |
| Plug 2x4 poles, with direct insertion Ø 4 mm | FI-2/4-DIA4 | 1SNA167936R1100 | 1 | 0.064 |

Other 2 poles plugs: consult us

Please refer to selection guide for socket compatibility

Prewired plugs (d)

| | | | | |
|----------------------------------|---------|------------------|------------------------|--------|
| 4 poles prewired plug made of: | | | | |
| 1 plug 4 poles | Grey □ | COR-T-4-1 | 1SNA166640R1300 | 1 |
| 4 bayonet security test plugs | Grey □ | FIT-1/4-D | (discontinued product) | |
| | | FCB.. | | |
| 4 poles prewired plug made of: | | | | |
| 1 plug 4 poles | Grey □ | COR-T-4-4 | 1SNA167935R1000 | 1 |
| 4 x Ø 4 mm test plugs | Black ■ | FIT-1/4-D | | |
| | | FC4-5 | | |
| 2x4 poles prewired plug made of: | | | | |
| 1 plug 2x4 poles (precoded: 2.2) | Grey □ | COR-T-1 | 1SNA166639R0600 | 1 0.87 |
| 4 bayonet security test plugs | Red ■ | FIT-2/4-1 | (discontinued product) | |
| 4 bayonet security test plugs | Grey □ | FCB.. | | |
| 2x4 poles prewired plug made of: | | | | |
| 1 plug 2x4 poles (precoded: 2.2) | Grey □ | COR-T-5 | 1SNA167933R1600 | 1 0.87 |
| 4 x Ø 4 mm test plugs | Black ■ | FIT-2/4-2 | | |
| 4 x Ø 4 mm test plugs | Red ■ | FC4-4 | | |

(a) The various accessories necessary for each mounting option are supplied with the socket as well as the 2 coding pins COP-E-1 (see coding section). For reverse mounting sockets drawing, refer to "Outer dimensions, mounting instructions" section.

(b) Plugs supplied with 8 locking pins and 2 coding pins COP-F-1, the BRE contacts pins are to be ordered separately.

(c) Plugs supplied with 4 locking pins, the BRE contacts pins are to be ordered separately.

(d) Cable length: 2m/ 6.6" - Conductors section: 2.5 mm², all conductors marked (marking starting with 0 on the equipment side), precoded 2.2. **Caution:** The prewired test leads must be connected to the equipment prior to the insertion of the ESSAILEC® prewired plug on the socket.