

Data Sheet SWITCH-CON®



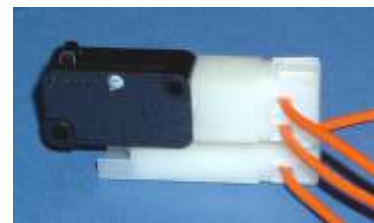
The Switch-Con® CSF connectors provide a fast and practical one-piece alternative to discrete wire termination. The combination of convenient slip-on switch connection and reliable IDC wiring reduces both assembly time and number of components.

› Application:

Series CSF Connectors are designed to mate with popular miniature snap-action switches such as Cherry D4, Omron V-10G and Microswitch V3 having 0,5 x 4,8mm tabs for "quick connect" connections.

› Benefit:

CSF Connectors are convenient and fast, and they incorporate proven dual IDC contacts for 4 gas-tight contact areas per conductor. A Single CSF Connector reduces assembly time by using mass termination and eliminating the need for three individual wire crimp, push-in terminals and, once installed, it provides single plug convenience for easy maintenance or repair.



Features:

- Unique housing design flexes to mate with tabs on similar switches from different manufacturers.
- Mass termination - terminate up to 4 connectors at once.
- Reliable and fast IDC one-time wiring.
- Housing and contact design allows for "end" or "through" terminations providing more versatile harnessing options. Eliminates the need for double wire crimp.
- Single plug convenience for Easy On and Easy Off maintenance - eliminates miswiring with single disconnects.
- Housing is color coded indicating wire gage.
- Cover provides added strain relief if desired.

Ordering Informationen:

Connector CSF-XXYY-ZZ

XX wire size	AWG 18, 20, 22
YY no. of contacts:	3 or 4
ZZ shroud:	01 with, 02 without

Strain Relief CSC-XX

XX wire size:	AWG 18, 20/22
---------------	---------------

Pancon GmbH, Siemensstrasse 7, 61267 Neu-Anspach
Tel: 06081-964-0, Fax: 06081-964-201, www.pancon.de

Data Sheet SWITCH-CON®



Materials:

- Housing and Cover: Nylon 6/6 Natural
- Flammability: UL 94 V-2
- Contact: Phosphor Bronze
- Plating: Tin over Nickel

Electrical Data:

- Current Rating: 18 AWG=10 Amps, 20/22 AWG=6.5Amps
- Dielectric Withstanding Voltage: 3.8 KVAC min.
- Insulation Resistance: 5,000 Megaohms min.

Temperature Range: -55 °C to 85 °C

Mechanical:

Wire Styles: (max wire diameter 2,4mm)

- PVC=UL styles 1007, 1015, 1061,1095, 1429, 1430 as well as MIL-W-16878D type C.
- Teflon= MIL-W-16878 E 148, UL styles 1213
- Type G MIL-16878 E16 type ET, MIL-W-16878 Type K & KT

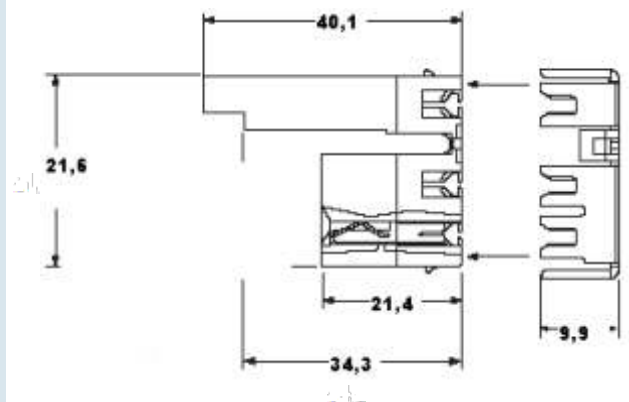
Mating Force: 36N

Unmating Force: 36N

Wire Retention

- Parallel: 90N per wire
- Perpendicular: 80N per wire

Dimensions



Ordering Information Tools

Pneumatic Gun

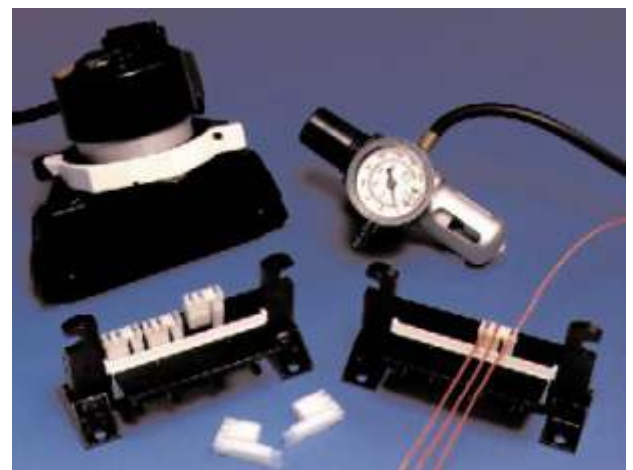
- › PPHT-CSF-3

End Fixture

- › PPHT-CSF-E

Manual Repair Tool

- › MRT-CSF



Pancon GmbH, Siemensstrasse 7, 61267 Neu-Anspach
Tel: 06081-964-0, Fax: 06081-964-201, www.pancon.de