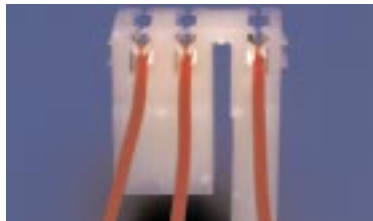
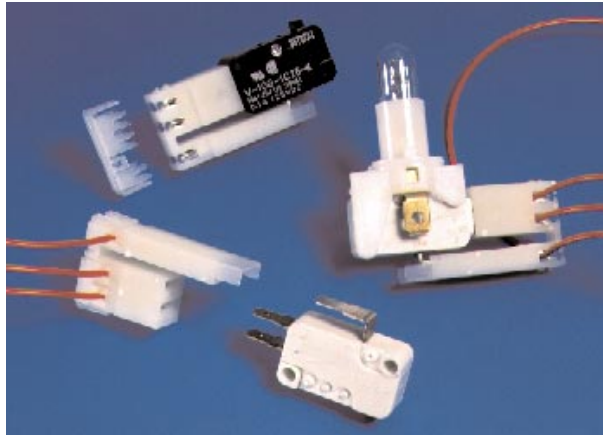


ITW Pancon is pleased to introduce Switch-Con® CSF switch connectors. These connectors provide a fast and practical one-piece alternative to discrete wire termination. The combination of convenient slip-on switch connection and reliable IDC wiring reduces both assembly time and number of components.



APPLICATIONS

CSF Connectors are convenient and fast, and they incorporate proven dual IDC contacts for 4 gas-tight contact areas per conductor. CSF assembly means no soldering, no wire twisting, and no mechanical devices.

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.

APPLICATIONS

Series CSF Connectors are designed to mate with popular miniature snap-action switches such as Cherry D4, Omron V-10G and Microswitch V3 having .187" x .020" tabs for "quick connect" connections.

FEATURES

Unique section

- Unique housing design flexes to mate with tabs on similar switches from different manufacturers. Patent pending.
- 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 mis-wiring with single disconnects.
- Housing is color coded indicating wire gage.
- Cover provides added strain relief if desired.

CONNECTOR ORDERING INFORMATION

Connector Switch Female	CSF - XX	03 - XX	01=With Shroud 02=No Shroud
Wire Gage (Color I.D.): 18 (Orange), 20 (Brown) or 22 (Red)			No. of Contacts

COVER ORDERING INFORMATION

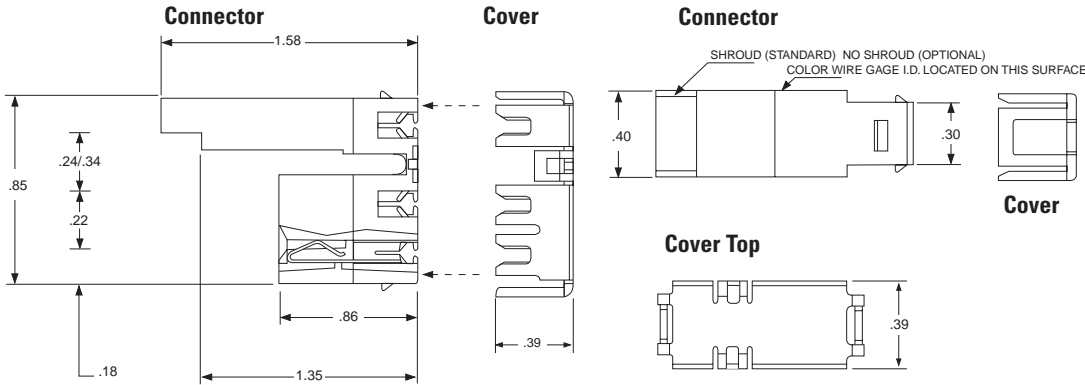
Connector Switch Cover	CSC - XX
Wire Gage: 18 (18 GA. only), 20 (20/22 GA.)	

SWITCH-CON®

CSF Series Switch Connectors



PRODUCT DIMENSIONS



MATERIALS

Housing and Cover
Nylon 6/6 Natural

Flammability
U, L 94 V-2

Contact
Phosphor Bronze

Plating
100μ" Tin over 50μ" Nickel

ELECTRICAL

Current Rating
18 AWG=10 Amps
20/22 AWG=6.5 Amps

Dielectric Withstanding Voltage
3.8 KVAC min.

Insulation Resistance
5,000 Megaohms min.

TEMPERATURE

Range
-67 °F to 185 °F
(-55 °C to 85 °C)

MECHANICAL

Wire Style Max Wire O.D., .095"
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
With .020 thick tabs-8lbs.

Unmating Force
With .020 thick tabs-8lbs.

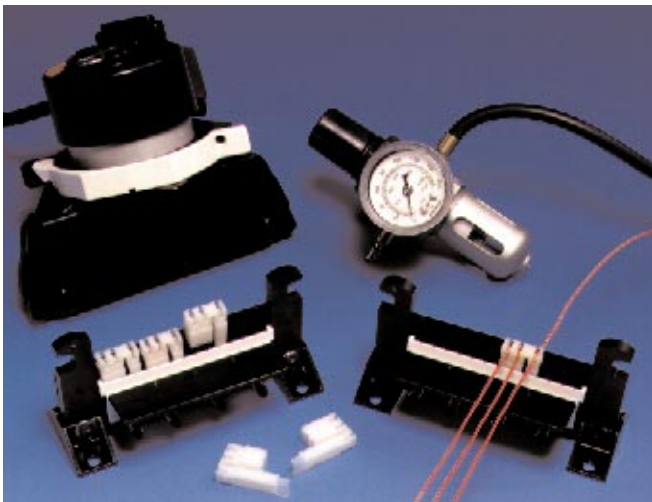
Wire Retention
w/o cover 18 gage parallel
pullout—20 lbs. per wire

w cover 18 gage perpendicular
pullout—18 lbs. per wire

AGENCY APPROVALS

USR & CNR approval
UL Recognized File No. E73711

TOOLING ORDERING INFORMATION



Part Number	Description
PPHT-CSF-E	End Fixture for CSF Connector
PPHT-CSF-C	Cut-off (selective) Fixture for CSF Connector*
PPHT-CSF3	Pneumatic PPHT Gun for CSF Connector
MRT-CSF	Manual Repair Tool

*Factory can supply fixture modified to customer requirements.

Consult factory for other tooling options and technical assistance.

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