CDFS Series

Features

- Sealed, constructed of suitably plated steel
- Removable input cover for terminal access and field wiring connection
- Threaded conduit fitting with two #20 AWG flexible leads provided on the load side
- Three knockouts on the input side
- Designed and tested per MIL-PRF-15733 (latest revision)

Filter Selection *(Part Numbers for Ordering)*

CDFS1038 — Telephone (KS20162)
CDFS1004 — Telephone (Standard)
CDFS1039 — Telephone (Special)
CDFS1030 — Data (9.6 KBAUD)
CDFS1040 — Data (19.2 KBAUD)
CDFS1041 — Data (56.0 KBAUD)
CDFS1028 — Fire Alarm
CDFS1029 — Comm/Intercom
CDFS1042 — Control (1.0 A)
CDFS1043 — Control (3.0 A)
CDFS1044 — Control (5.0 A)

Applicable Publications:

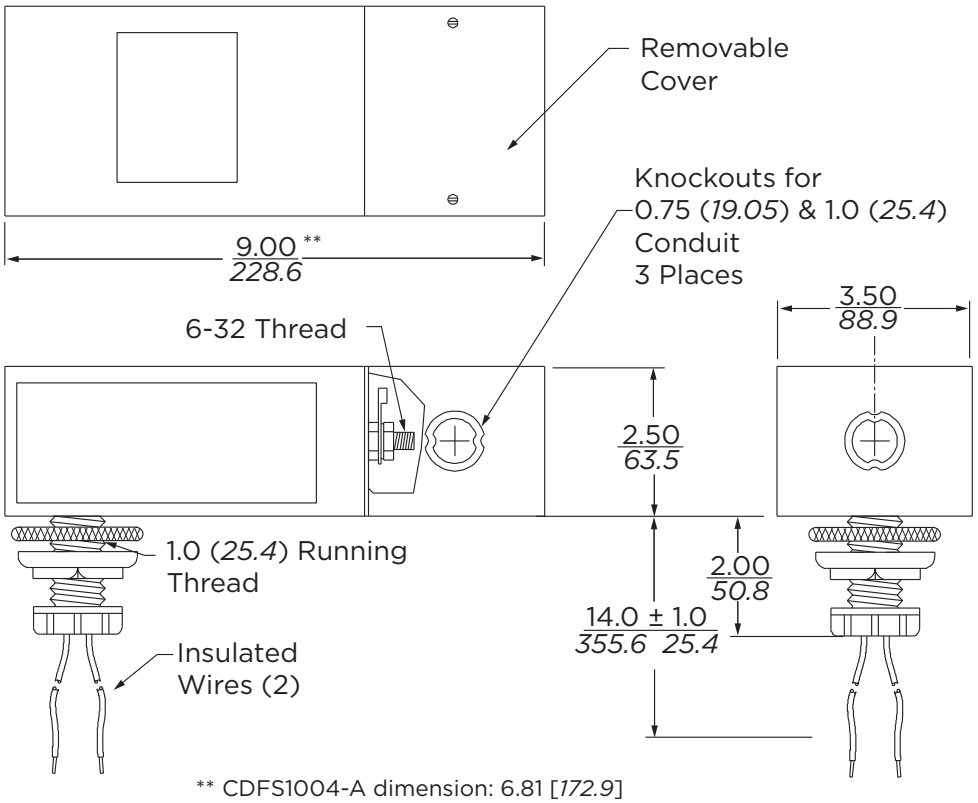
MIL-PRF-15733 — Filters, Radio Interference
MIL-STD-220 — Test Method of Insertion Loss



Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

USA Cust. Svc.: 1-800-468-2023
Corcom Prods: 1-847-680-7400
www.tycoelectronics.com
www.corcom.com

CDFS Series *(continued)*



** CDFS1004-A dimension: 6.81 [*172.9*]

Model No.*	Type	Impedance (Ohms)	Insertion Loss (dB)		Current (Amp)
			Pass Band	Stop Band	
CDFS1038	Telephone (KS20162)	300/600	5kHz	65 dB, 14kHz, 100 dB, 30kHz-10GHz	0.16
CDFS1004-A	Telephone (Standard)	300/600	3kHz	100 dB, 14kHz-10GHz	0.5
CDFS1039	Telephone (Special)	300/600	5kHz	80 dB, 14kHz-10GHz	0.5
CDFS1030	Data (9.6kB)	300/600	28kHz	100 dB, 200kHz-10GHz	0.2
CDFS1040	Data (19.2kB)	50/100	56kHz	100 dB, 300kHz-10GHz	0.2
CDFS1041	Data (56kB)	50/100	168kHz	100 dB, 1MHz-10GHz	0.2
CDFS1028	Fire Alarm† (Analog)	N/A	N/A	100 dB, 14kHz to 10GHz	1.0
CDFS1029	Comm/ Intercom	22.5/45	3kHz	100 db, 14kHz-10GHz	0.5
CDFS1042	Control (1A)	N/A	N/A	100 db, 14kHz-10GHz	1.0
CDFS1043	Control (3A)	N/A	N/A	100 db, 14kHz-10GHz	3.0
CDFS1044	Control (5A)	N/A	N/A	100 db, 14kHz-10GHz	5.0

The above filters are used for AC or DC applications up to 125VAC/400VDC, **EXCEPT** CDFS1029 which is 50 VAC/100 VDC.

* Add "S" for surge arrestors. Ex: CDFS1038-S
† The CDFS1028 is intended for installations in analog applications only. Not designed for use in digital systems.

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