

CDFS Series

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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)*

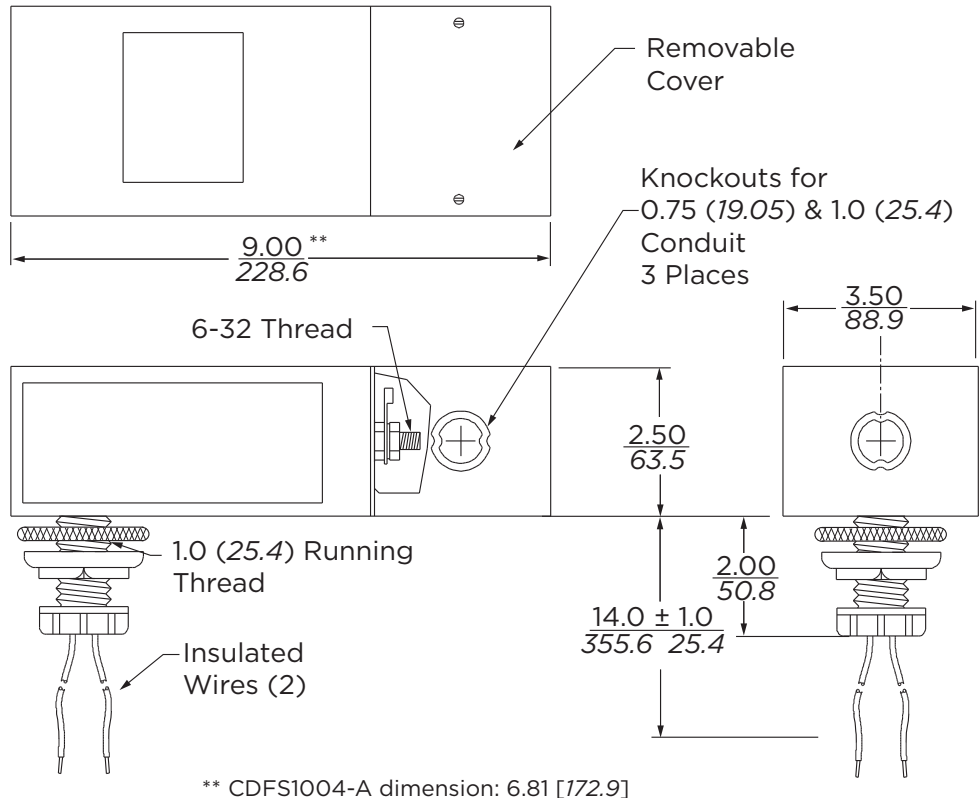
- CDFS1038 — Telephone (KS20162)
- CDFS1004 — Telephone (Standard)
- CDFS1039 — Telephone (Special)
- CDFS1030 — Data (9.6 KBAUD)
- CDFS1040 — Data (19.2 KBAUD)
- CDFS1041 — Data (56.0 KBAUD)
- CDFS1028 — Fire Alarm
- CDFS1029 — Comm/Intercom
- CDFS1042 — Control (1.0 A)
- CDFS1043 — Control (3.0 A)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

Applicable Publications:

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



CDFS Series (continued)



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

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. Contact TE Connectivity for a recommendation on a filter solution for these systems.