F1760/F1770/F1780 RFI FILTERS

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FILTERS

NEW! 20-AMP RFI FILTERS FOR SWITCHING APPLICATIONS

FEATURES

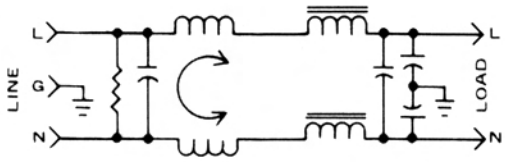
- Designed for Applications where Switching Power Supplies, SCR's and TTL Circuits are Utilized.
- Protection from Pulsed, Intermittent or Continuous RFI.
- Effective CM and DM Suppression for Most FCC and VDE Requirements Down to 150 KHz.
- Available in Stud and Quick Connect Terminal Versions.

SPECIFICATIONS

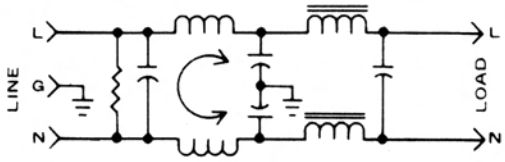
Rated Voltage: 250VAC Max., 50/60 Hz.
Rated Current at: **115VAC** 20A **250VAC** 14A
Current Overload: 6X Rated for 8 Seconds
Maximum Operating Ambient Temp. at Rated Current: 40° C
Humidity Range: 0-95% R.H.
Insulation Resistance: 9 x 10^9 ohms at 100VDC
Maximum Leakage Current
Each Line to Ground — F1760/F1770/F1780
at 115VAC, 60 Hz.: 0.5mA
at 250VAC, 50 Hz.: 1.2mA
Hipot Test (one minute) —
Line to Ground: 1500VAC
Line to Line: 1450VDC

SAFETY AGENCY RECOGNITION/APPROVALS

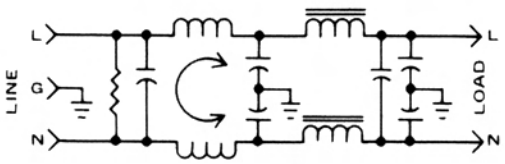
SCHEMATIC



F1760



F1770

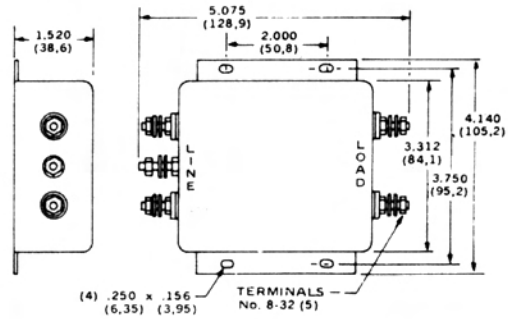


F1780

F1760AA20 — Quick Connect Version
F1760DD20 — Stud Terminal Version

MINIMUM INSERTION LOSS — dB (50 ohm Circuit)							
MODEL	MODE	Frequency — MHz .15	.50	1.0	5.0	10	30
F1760	Common	15	25	31	42	47	40
F1770	Common	15	30	40	57	60	48
F1780	Common	15	30	33	65	65	55
All Models	Differential	41	65	65	65	60	55

DIMENSIONS



Toll Free 1-800-526-5376 • 201-337-1000 • Fax 201-337-1862