

CURTIS F2300 RFI FILTERS

GENERAL PURPOSE/LINEAR FILTERS



FEATURES

- Effective Protection from Pulsed, Intermittent or Continuous RFI for FCC "A" Applications.
- High-Performance Low-Leakage Filter in Low Profile Package with Integral IEC Connector.
- Increased Inductance and Line-to-Line Capacitance Provide Enhanced Common Mode and Differential Mode Attenuation.

SPECIFICATIONS

Rated Voltage: 250VAC Max., 50/60 Hz.

Rated Current at: **115VAC** **250VAC**
 6A 6A

Current Overload: 6X Rated for 8 seconds

Maximum Operating Ambient Temperature at Rated Current: 40° C

Humidity Range: 0-95% R.H.

Insulation Resistance: 9 x 10⁹ ohms at 100VDC

Maximum Leakage Current

Each Line to Ground –

at 115VAC, 60 Hz.: 0.25mA

at 250VAC, 50 Hz.: 0.40mA

Hipot Test (one minute) –

Line to Ground: 1500VAC

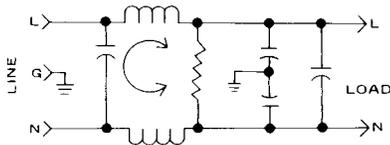
Line to Line: 1768VDC

SAFETY AGENCY RECOGNITION/APPROVALS

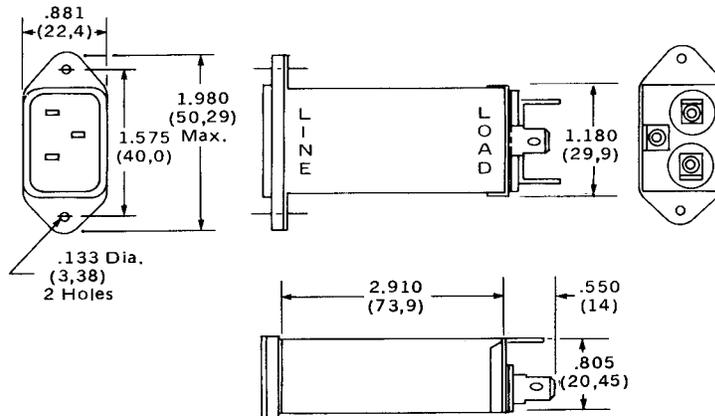


All units are approved under VDE
File Nos. 11722-4730-1003.

SCHEMATIC



F2300CA



Refer to Page 49 for
Standard Mounting Cutouts.

Nominal Current Rating	Part Number	Termination Line/Load	MINIMUM INSERTION LOSS - dB (50 ohm Circuit)						
			MODE	.15	.50	Frequency - MHz			
						1.0	5.0	10	30
6A	F1400AA03	IEC/QC	Common	25	37	45	45	45	45
			Differential	12	30	50	65	65	60

NOTE: Other combinations of terminals may be specified on special order.