

PRODUCT DETAIL

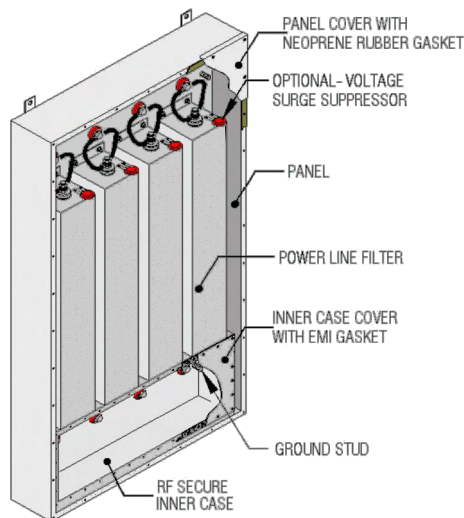
To contact us-
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Facility Filters–

GFP58226 Series
(100dB@100kHz-10GHz)

Product Summary

Economical EMI/RFI facility filters specified to 100 dB are used in government and commercial installations to prevent unwanted signals and interference on power lines.



Construction Detail– Facility Panel

Functional Characteristics

- Voltage Rating:
100 Vdc, 120/208 Vac (50/60, 400 Hz),
277/480 Vac (50/60 Hz)
- Voltage Drop:
2% maximum at full rated unity power factor load.
- Harmonic Distortion:
4% maximum at full rated unity power factor load
- Temperature Rating:
per MIL-F-15733
- Current Overload:
140% maximum current rating per MIL-F-15733
- RF Radiation:
Greater than 100 dB isolation
- Dielectric With-Standing Voltage:
per MIL-F-15733
- Insulation Resistance:
MIL-F-15733 (w/o discharge ckts)

Special Features

Filters

- Enclosed terminations
- Multi-circuit
- 100 dB or 60 dB series Insertion Loss over frequency range of 100 kHz-10 GHz per MIL-F-15733
- Manufactured and tested per the applicable portions of MIL-F-15733
- Hermetically sealed with welded and soldered seams for shielding effectiveness
- Standard Current Ratings: 5AMP to 250 AMP
- Bleeder resistors incorporated to eliminate potential shock hazard

Enclosure

- Modified NEMA type constructed of not less than 14 gauge cold rolled steel
- RF tight inner area secured with RF gasket for 100 dB minimum shielding effectiveness, 14 kHz to 10 GHz, minimum
- Pre-wired standoffs and lugs
- Lifting ears included on heavier enclosures
- Front cover access to filters and standoffs

Applicable Specifications

- MIL-F-15733
General specifications for filters, military
- MIL-STD-202
Test methods for components parts, military
- MIL-STD-220
Test methods for insertion loss, military
- MIL-STD-285
Test method for shielding effectiveness
- NFPA 70/1987
National Electrical Code, standards

Available Options

- EMP and surge Suppressors
- HUB and Fitting Installation
- Legs (12.0 Inch Standard)
- Power Factor Correction Coils for 400 Hz

ORDER INFORMATION

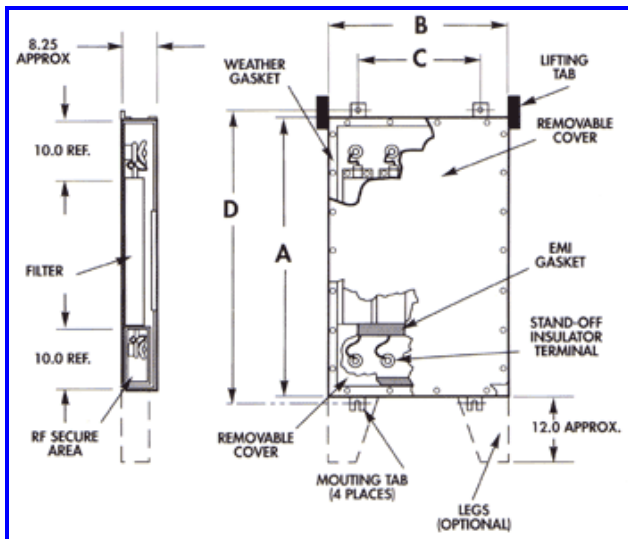
Facility Filters -
 GFP58226 Series

TABLE I

Qty Of Filters And Current Rating	A	B	C	D	Approx Weight (lbs)
2x5 Amp to 2x70 Amp	41.0	13.0	10.00	42.25	175
3x5 Amp to 3x70 Amp	41.0	19.0	13.00	42.25	240
4x5 Amp to 4x70 Amp	41.0	24.0	18.00	42.25	290
2x75 Amp to 2x250 Amp	47.0	22.0	16.00	48.25	340
3x75 Amp to 3x250 Amp	47.0	32.0	26.00	48.25	450
4x75 Amp to 4x250 Amp	47.0	42.0	36.00	48.25	600
2x300 to 2x400 Amp	92.0	21.0	N/A	N/A	900
3x300 to 3x400 Amp	92.0	30.0	N/A	N/A	1,600
4x300 to 4x400 Amp	92.0	39.0	N/A	N/A	1,850
2x450 to 2x500 Amp	72.0	25.0	N/A	N/A	800
3x450 to 3x500 Amp	72.0	48.0	N/A	N/A	1,000
4x450 to 4x500 Amp	72.0	48.0	N/A	N/A	1,200
2x600 to 2x800 Amp	92.0	39.0	N/A	N/A	1,850
3x600 to 3x800 Amp	92.0	57.0	N/A	N/A	2,300
4x600 to 4x800 Amp	92.0	72.0	N/A	N/A	3,000

Dimensions are in inches

Mechanical Dimensions



Ordering Information

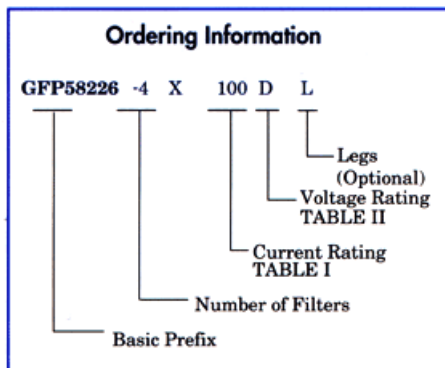


TABLE II

Voltage Rating	
A	100 VDC
B	120/208 VAC, 60 Hz
*C	120/208 VAC, 400Hz
D	277/480 VAC, 60 Hz

(*)- Recommend Power Correction Coils

Specifications subject to change without notice