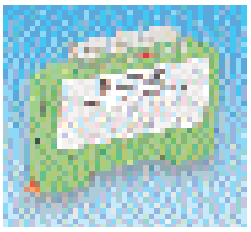
Filter/Suppression Modules — continued

MOV Suppression Modules
DIN Rail Mounting

ROXBURGH



- Slimline DIN rail surge suppressors comprising two isolated high energy metal oxide varistors
- Reduces high transient voltage spikes by connecting across the load or the supply
- For suitable 35mm symmetric DIN rails see **Book 5, Section 1**

Line frequency DC to 440Hz
Operating temperature -25°C to +85°C

H = 55, W = 78, D = 12.5 Terminals = 2.5mm

Operating Voltage (Vac)	Maximum Voltage Ratings (Vac)	(Vdc)	Transient Energy (10/1000µs) (Joules)	Peak Transient Current (8/20µs) (A)	Mftrs List No.	Order Code
24	30	38	8.8	1000	DVS024	294-251
48	60	81	20	4500	DVS048	294-263
110	150	200	80	6500	DVS110	294-275
240	275	369	140	6500	DVS240	294-287

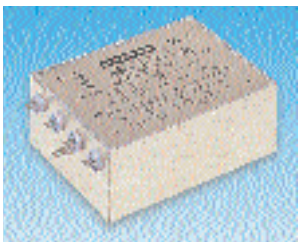
FIL99X

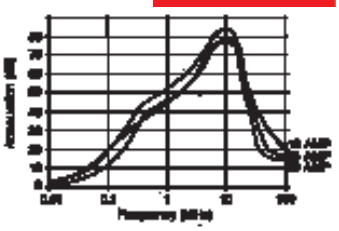
Operating Voltage (Vac)	Order Code	Price Each 1+	10+	25+	50+	100+
24	**.294-251**					
48	**.294-263**					
110	**.294-275**					
240	**.294-287**					

Installation Filters

Three Phase with Neutral

SCHAFFNER





- High performance three phase chassis mounting filters in a very compact package
- Suitable for use in installations which require a highly attenuated three phase mains supply, e.g. communication installations, computer rooms, laboratories and industrial control systems
- Connections are 6.3 0.8 fast-ons for the 16A unit, M6 screw terminals for the 25A and 50A units. and M10 for the 100A unit. Approved to **SEV** and **CSA**
- Designed to meet **IEC950.**

Voltage rating 440/250V @ 0 to 400Hz Operating temperature -25°C to +85°C

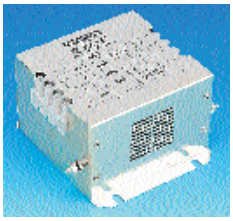
Current Rating 40°C	25°C	Earth Leakage Current (mA)	Inductance (mH)	Dimensions H	W	D	Weight (g)	Mftrs. List No.	Order Code
16A	18.4A	2.58	1.2	50	104	149	1450	FN356-16-06	230-492
25A	28.7A	2.58	1.3	80	105	140	2650	FN356-25-24	230-509
36A	41.5A	2.58	0.95	80	105	140	2700	FN356-36-24	303-1391
50A	57.5A	2.58	0.55	102	122	143.5	3860	FN356-50-24	230-510
100A	115.4A	7.98	0.32	130	160	250	10000	FN356-100-28	303-1408

FIL81X

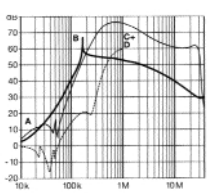
Rating	Order Code	Price Each 1+	5+	10+	25+
16A	**230-492**				
25A	**230-509**				
36A	**303-1391**				
50A	**230-510**				
100A	**303-1408**				

Three Phase and Neutral

SCHAFFNER



8 amp types



- Designed for asymmetrical loads
- High attenuation
- Small leakage current
- Compact design
- Approved to **SEMKO**

Current Rating 50°C	40°C	Leakage Current (mA)	Inductance (mH)	Dimensions H	W	D	Weight (g)	Mftrs. List No.	Order Code
8A	9.1A	3.4	1.78	80	120	115	1000	FN256-8/46	326-4993
16A	18.1A	3.4	1.14	80	120	115	1100	FN256-16/46	326-5006
25A	28.3A	3.4	1.57	115	130	125	1400	FN256-25/47	326-5018
36A	40.8A	3.4	1.1	115	130	125	1500	FN256-36/47	326-5020
64A	72.6	3.4	1.0	125	140	125	2200	FN256-64/52	326-5031

FIL300

Rating	Order Code	Price Each 1+	5+	10+	25+
8A	**326-4993**				
16A	**326-5006**				
25A	**326-5018**				
36A	**326-5020**				
64A	**326-5031**				

Single and Three Phase

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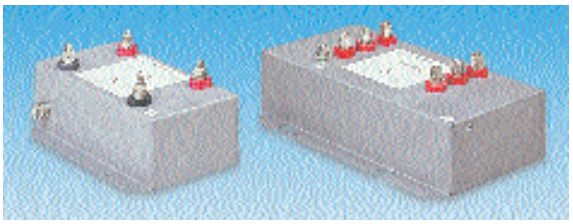

Single phase
H = 55, W = 116, D = 174
FC = 80 101

Three phase
H = 55, W = 143, D = 230
FC = 120 128

- Compact high performance industrial filters built to satisfy **IEC950** safety standards which when installed correctly will allow compliance with **VDE0871, EN55011** (Industrial) and **EN55022** (Domestic) EMC emission levels
- IHF range is available in single phase or three phase (with neutral), feature a maximum leakage current of 3.5mA and are suitable for all general purpose applications
- The MDF range is available in single phase or three phase (without neutral) and feature higher performance than the standard IHF range
- Primarily designed for use with Motor Drive Inverters they are suitable for all applications without a neutral conductor where leakage current is not a limiting factor

Termination is via colour coded M6 studs.

Voltage rating 250V ac single phase
440/250V ac three phase
Line frequency 50/60Hz
Operating temperature -25°C to +85°C
Test voltage 2kV ac

Rating	Inductance (mH)	Resistance per Winding (mΩ)	Dimensions H	W	D	Mftrs. List No.	Order Code
18A, single phase	6.4	15.0	55	116	174	IHF18	552-768
25A, single phase	4.4	8.5	55	116	174	IHF25	294-299
36A, single phase	2.5	3.8	55	116	174	IHF36	552-770
50A, single phase	1.1	2.0	55	116	174	IHF50	294-305
8A, three phase with neutral	2.8	64.0	38	220	120	IHF408	552-732
25A, three phase with neutral	1.1	4.0	55	143	230	IHF425	294-317
36A, three phase with neutral	0.55	1.65	55	143	230	IHF436	552-744
50A, three phase with neutral	0.28	1.0	55	143	230	IHF450	294-329
70A, three phase with neutral	0.72	0.52	85	182	238	IHF470	552-756
100A, three phase with neutral	0.4	0.3	85	238	182	IHF4100	552-926
18A, single phase	0.4	15.0	55	120	174	MDF18	552-781
25A, single phase	4.4	8.5	55	120	174	MDF25	294-330
36A, single phase	2.5	3.8	55	120	174	MDF36	552-793
50A, single phase	1.1	2.0	55	120	174	MDF50	294-342
18A, three phase	2.85	18.6	55	147	230	MDF318	552-800
25A, three phase	1.9	5.7	55	147	230	MDF325	294-354
36A, three phase	0.96	2.4	55	147	230	MDF336	552-811
50A, three phase	0.55	1.8	55	147	230	MDF350	294-366
70A, three phase	1.1	2.1	85	180	230	MDF370	552-823
100A, three phase	0.71	1.7	85	180	230	MDF3100	552-835
150A, three phase	0.45	0.5	80	290	280	MDF3150	552-847
220A, three phase	0.22	0.47	105	290	340	MDF3220	552-859

FIL103X

IHF Series	Order Code	Price Each 1+	5+	10+	25+
18A, single phase	**.552-768**				
25A, single phase	**.294-299**				
36A, single phase	**.552-770**				
50A, single phase	**.294-305**				
8A, three phase with neutral	**.552-732**				
25A, three phase with neutral	**294-317**				
36A, three phase with neutral	**.552-744**				
50A, three phase with neutral	**.294-329**				
70A, three phase with neutral	**552-756**				
100A, three phase with neutral	**552-926**				
MDF Series					
18A, single phase	**.552-781**				
25A, single phase	**.294-330**				
36A, single phase	**.552-793**				
50A, single phase	**.294-342**				
18A, three phase	**.552-800**				
25A, three phase	**.294-354**				
36A, three phase	**552-811**				
50A, three phase	**.294-366**				
70A, three phase	**552-823**				
100A, three phase	**.552-835**				
150A, three phase	**.552-847**				
220A, three phase	**.552-859**				

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