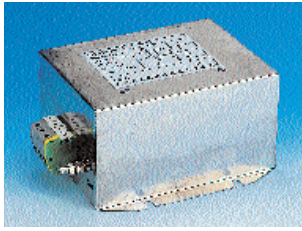


Installation Filters — continued

Motor Inverter Filters
Single and Three Phase



- Very high insertion losses
- Low leakage current
- Easy to install, space saving construction
- Construction complies **EN133 200, UL1283** and **CSA22.2**
- Safe to touch terminal blocks
- Applications include high frequency motor drive converters used in lifts, conveyor systems, air conditioning plants and power electronics



Operating voltage 250V ac Single phase
440V ac Three phase
Overload capability 150% for 3min/Hr
250% for 3 sec/Hr
Leakage current @ 250Vac <3.5mA
above 36A <6mA
Operating temperature -25°C to +85°C

Rating	L (O/A)	Dimensions		Weight	Fixing	Mfrs. List No.	Order Code
		W	H	(kg)	Centres		
Single Phase							
12A	121	86	61	1.45	100 70	B84142-B12-R	508-408
25A	156	86	81	3.7	100 70	B84142-B25-R	508-410
Three Phase							
8A	163	113	81	2.2	100 70	B84143-A8-R	870-055
25A	216	156	91	3.7	140 80	B84143-A25-R	870-067
36A	166	126	91	3.7	140 80	B84143-A36-R	508-445
50A	216	156	91	4	140 80	B84143-A50-R	870-079
80A	221	141	141	9.5	155 115	B84143-A80-R	508-457
120A	348	171	141	10	155 115	B84143-A120-R	870-080
150A	348	171	141	10	155 115	B84143-A150-R	508-469

FIL194

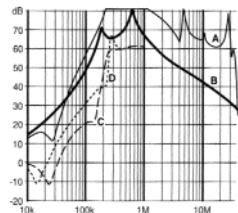
Rating	Order Code	Price Each			
		1+	5+	10+	25+
Single Phase					
12A	508-408				
25A	508-410				
Three Phase					
8A	.870-055				
25A	.870-067				
36A	.508-445				
50A	.870-079				
80A	.508-457				
120A	.870-080				
150A	.508-469†				

† Available until stocks are exhausted

Motor Drive Filters
FN350 Series



12 amp types



- Compact design
- Ideal for a large variety of motor drive applications

- Designed to meet **IEC950**
- Approved by **VDE**
- **UL** and **CSA** recognised

Voltage rating 250V @ 50/60Hz
Operating frequency DC to 60Hz
Leakage current 4.9mA for 8A, 12A and 20A
5.2mA for 30A
11mA for 55A

Current Rating	Inductance L (mA)	Dimensions			Weight	Fixing	Mfrs. List No.	Order Code
		H	W	D	(g)	Centres		
8A	10	57	99.5	84.5	700	95 51	FN350-8/29	326-5407
12A	7.5	57	99.5	84.5	900	95 51	FN350-12/29	326-5419
20A	3.2	57	99.5	84.5	950	95 51	FN350-20/29	326-5420
30A	1.3	60	115	85	950	115 100	FN350-30/33	326-5432
55A	1.0	60	115	85	1800	115 100	FN350-55/33	326-5444

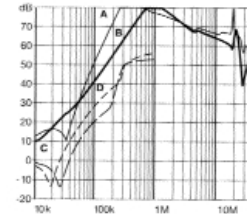
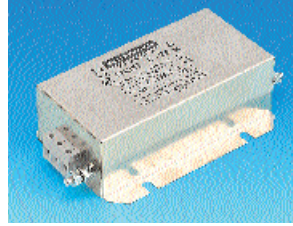
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Rating	Order Code	Price Each			
		1+	5+	10+	25+
8A	326-5407				
12A	326-5419				
20A	326-5420				
30A	326-5432				
55A	326-5444				

Three Phase Motor Drive Filter
FN351 Series



16 amp types



- High differential/common mode attenuation
- Designed to meet **IEC950**

- **SEMKO** approved
- **UL** and **CSA** recognised

Voltage rating 440V ac (standard types)
520V ac (H type)

IP rating **IP20**

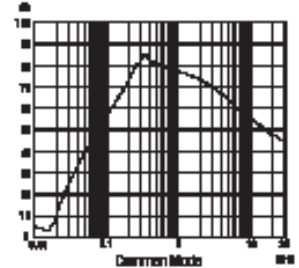
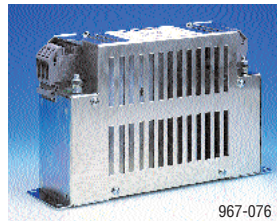
Current Rating	Inductance (mH)/ph	Dimensions			Weight	Fixing	Mfrs. List No.	Order Code
		H	W*	D	(g)	Centres		
Standard								
5A	12	50	150	105	1100	90 85	FN 351-5/29	326-5456
8A	7.6	60	180	115	1800	100 115	FN 351-8/29	326-5468
16A	5.2	65	200	150	1800	136 115	FN 351-16/29	326-5470
25A	2.2	65	200	150	3000	136 115	FN 351-25/33	326-5481
36A	1.3	65	200	150	3000	136 115	FN 351-36/33	326-5493
50A	0.8	65	200	150	3100	136 115	FN 351-50/33	326-5500
64A	0.65	65	200	150	3300	136 115	FN 351-64/33	326-5511
80A	0.85	90	400	170	9500	130 373	FN 351-80/34	326-5523
H Type								
50A	0.8	65	200	150	3100	136 115	FN 351H-50/33	326-5535

*Excludes terminal blocks

FIL299

Rating	Order Code	Price Each			
		1+	5+	10+	25+
Standard					
5A	326-5456				
8A	326-5468				
16A	326-5470				
25A	326-5481				
36A	326-5493				
50A	326-5500				
64A	326-5511				
80A	326-5523				
H Type					
50A	326-5535				

KMF Range Optimum Performance
Three Phase



- Industrial three phase filters designed to meet the requirements of **UL1283, EN133200**, and enable users to meet **EN55011A** and **EN55022B** legislation.
- High performance, lightweight, small footprint and **IP** rated terminal blocks
- Book end case style ensures easy fitting into cabinets and panel



Operating temperature -25°C to +100°C
Voltage rating 500V ac up to 25A
520V ac above

Rating	Leakage Current (mA)	Dimensions			Weight	Mfrs. List No.	Order Code
		L	W	H	(kg)		
6A	15	179	45	79	0.49	KMF306	976-027
10A	21	179	45	79	0.49	KMF310	976-039
18A	30	229	55	114	1.2	KMF318	976-040
25A	42	229	55	114	1.2	KMF325	976-052
36A	42	272	74	161	2.7	KMF336	976-064
50A	90	272	74	161	2.9	KMF350	976-076
70A	90	312	93	190	4.1	KMF370	976-088
100A	198	319	93	190	4.5	KMF3100	976-090
150A	198	319	126	224	6.1	KMF3150	976-106
180A	396	319	126	224	8.9	KMF3180	976-118

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