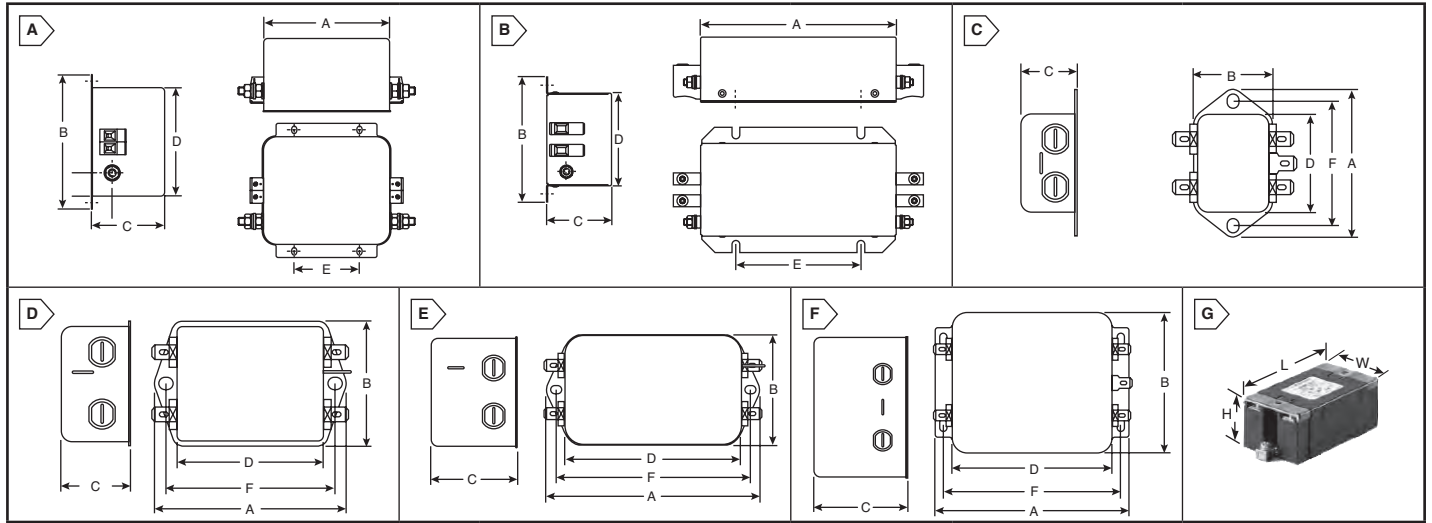


SCHAFFNER Single Phase Power Filters | I III SCHAFFNER



FN350 SERIES, SINGLE-PHASE EMC/RFI FILTER FOR MOTOR DRIVERS

- Features:**
- Compact filter solution for single-phase motor drive applications
 - Industrial grade safety terminal blocks
 - Designed to meet EN55011/14/22
 - Compliant with IEC60950

RoHS Compliant **14**
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Schaffner Part No.	Fig.	Amps	Leakage Current @ 230VAC/50Hz	Power Loss @ 25°C/50Hz	Dimensions: mm					Price Each		
						A	B	C	D	E	1	25	50
631-FN350-20/29	FN350-20/29	A	20	4.9mA	6.1W	99.5	105	57	84.4	51	156.44	130.76	122.11
631-FN350-55/33	FN350-55/33	B	55	11mA	9.9W	180	115	60	85	115	269.15	257.93	244.35

FN210 SERIES, SINGLE STAGE FILTERS

- Features:**
- Current ratings from 1 to 30A
 - General-purpose filtering performance
 - Maximum operating voltage: 250VAC 50/60Hz
 - Optional medical versions available - contact a Mouser Representative

RoHS Compliant **14**
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Schaffner Part No.	Fig.	Connector Housing	Amps	Inductance (mH)	Capacitance		Res. (Ω)	Housing	Dimensions: mm					Price Each		
						Cx (μF)	Cy (nF)			A	B	C	D	F	1	25	50
631-FN210-1/06	FN210-1/06	C	Fast-on	1	12.00	0.10	4.7	1	F3	64±0.3	35	24.3	43.5	54	12.26	10.95	10.39
631-FN210-1/07	FN210-1/07	C	Wire Leads	1	12.00	0.10	4.7	1	F3	64±0.3	35	24.3	43.5	54	13.41	11.98	11.37
631-FN210-3/06	FN210-3/06	C	Fast-on	3	2.50	0.10	4.7	1	F3	64±0.3	35	24.3	43.5	54	12.48	10.72	10.20
631-FN210-3/07	FN210-3/07	C	Wire Leads	3	2.50	0.10	4.7	1	F3	64±0.3	35	24.3	43.5	54	12.88	10.81	10.26
631-FN210-6/06	FN210-6/06	C	Fast-on	6	1.00	0.10	4.7	1	F3	64±0.3	35	24.3	43.5	54	12.77	11.33	10.72
631-FN210-10/06	FN210-10/06	C	Fast-on	10	0.80	0.10	4.7	1	F2	64±0.3	35	29.3	43.5	54	12.48	10.72	10.20
631-FN210-12/06	FN210-12/06	C	Fast-on	12	0.70	0.10	4.7	1	F2	64±0.3	35	29.3	43.5	54	12.63	11.28	10.71
631-FN210-16/06	FN210-16/06	D	Fast-on	16	0.65	0.10	4.7	1	H2	71	46.6	29.3	50.5	61	19.47	16.21	14.94
631-FN210-20/06	FN210-20/06	D	Fast-on	20	0.60	0.10	4.7	1	K1	85	54	30.3	64.8	75	20.05	16.69	15.44
631-FN210-20/08	FN210-20/08	D	Stud Term	20	0.60	0.10	4.7	1	K1	85	54	30.3	64.8	75	35.67	31.30	29.74
631-FN210-30/08	FN210-30/08	E	Stud Term	30	0.67	0.47	10.0	1	P	113.5	57.5	45.4±1.2	94	103	36.20	32.46	30.86

FN2060 AND FN2070 SERIES, MULTI-STAGE FILTERS

- Features:**
- FN2060 current ratings from 1 to 30A
 - FN2070 current ratings from 1 to 36A
 - High differential and common mode attenuation
 - Maximum operating voltage: 250VAC 50/60Hz
 - Optional medical versions available - contact a Mouser Representative

RoHS Compliant **14**
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Schaffner Part No.	Fig.	Connector Housing	Amps	Inductance (mH)	Capacitance		Res. (Ω)	Housing	Dimensions: mm					Price Each		
						Cx (μF)	Cy (nF)			A	B	C	D	F	1	25	50
FN2060																	
631-FN2060-3/06	FN2060-3/06	D	Fast-on	3	2.5	0.22	4.7	1	H2	71	46.6	29.3	50.5	61	20.63	18.10	17.19
631-FN2060-6/06	FN2060-6/06	D	Fast-on	6	0.97	0.22	4.7	1	H2	71	46.6	29.3	50.5	61	20.63	18.10	17.20
631-FN2060-10/06	FN2060-10/06	D	Fast-on	10	0.8	0.47	4.7	0.47	K1	85	54	30.3	64.8	75	20.63	18.10	17.20
631-FN2060-12/06	FN2060-12/06	D	Fast-on	12	0.58	0.47	4.7	0.47	K1	85	54	30.3	64.8	75	23.87	20.39	18.69
631-FN2060-16/06	FN2060-16/06	D	Fast-on	16	0.65	0.33	4.7	1	K2	85	54	40.3	64.8	75	44.13	37.28	35.61
FN2070																	
631-FN2070-1/06	FN2070-1/06	D	Fast-on	1	22.00	0.33	4.7	1.00	K1	85	54	30.3	64.8	75	24.78	20.39	19.24
631-FN2070-3/06	FN2070-3/06	D	Fast-on	3	9.80	0.47	4.7	0.47	K2	85	54	40.3	64.8	75	25.16	21.81	19.86
631-FN2070-3/07	FN2070-3/07	D	Wire Leads	3	9.80	0.47	4.7	0.47	K2	85	54	40.3	64.8	75	23.86	21.71	20.68
631-FN2070-6/06	FN2070-6/06	E	Fast-on	6	7.80	1.00	4.7	0.22	P	113.5	57.5	45.4±1.2	94	103	32.26	28.53	26.62
631-FN2070-6/07	FN2070-6/07	E	Wire Leads	6	7.80	1.00	4.7	0.22	P	113.5	57.5	45.4±1.2	94	103	33.32	28.25	26.88
631-FN2070-10/06	FN2070-10/06	E	Fast-on	10	4.50	1.00	4.7	0.22	Q	156	57.5	45.4±1.2	130.5	143	51.96	43.32	39.33
631-FN2070-10/07	FN2070-10/07	E	Wire Leads	10	4.50	1.00	4.7	0.22	Q	156	57.5	45.4±1.2	130.5	143	44.26	38.72	35.37
631-FN2070-12/06	FN2070-12/06	E	Fast-on	12	3.25	1.00	4.7	0.22	Q	156	57.5	45.4±1.2	130.5	143	48.07	40.06	36.96
631-FN2070-16/06	FN2070-16/06	F	Fast-on	16	2.80	1.00	4.7	0.22	L2	119±0.5	85.5	57.6	98.5	109	67.55	62.27	58.60
631-FN2070-16/07	FN2070-16/07	F	Wire Leads	16	2.80	1.00	4.7	0.22	L2	119±0.5	85.5	57.6	98.5	109	68.85	64.68	58.98
631-FN2070-25/08	FN2070-25/08	E	Stud Term	25	2.00	2.20	4.7	0.22	Q	156	57.5	45.4±1.2	130.5	143	88.36	81.07	74.81
631-FN2070-36/08	FN2070-36/08	E	Stud Term	36	1.23	2.20	4.7	0.22	Q	156	57.5	45.4±1.2	130.5	143	93.07	83.76	79.12

FN2450 SERIES, SINGLE-PHASE SAFE AND ERGONOMIC FILTERS

- Features:**
- Light weight plastic enclosure design
 - Very low filter leakage current
 - Hinged safety covers
 - Environmental friendly design without potting compound

NEW PRODUCT **14**
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Schaffner Part No.	Fig.	Rated Current @ 55°C (40°)	Leakage Current @ 230VAC/50Hz	Inductance (mH)	Capacitance		Res. (MΩ)	Dimensions: mm			Price Each			
						Cx	Cy		L	W	H	1	25	50	
631-FN2450G-6-61	FN2450G-6-61	G	6 (6.8)	0.73	10.5	0.47	4.7	1	103	51	38	27.60	25.63	24.32	
631-FN2450G-10-61	FN2450G-10-61	G	10 (11.4)	0.73	4.9	0.47	4.7	1	103	51	38	28.04	26.04	24.70	
631-FN2450G-16-61	FN2450G-16-61	G	16 (18.2)	0.73	1.84	0.47	4.7	1	103	51	38	27.60	25.63	24.32	
631-FN2450G-20-61	FN2450G-20-61	G	20 (22.8)	0.73	0.94	0.47	4.7	1	103	51	38	27.22	25.27	24.70	
631-FN2450F-6-61	FN2450F-6-61	G	6 (6.8)	0.52	10.5	0.47	3.3	1	103	51	38	27.60	25.63	24.32	
631-FN2450F-10-61	FN2450F-10-61	G	10 (11.4)	0.52	4.9	0.47	3.3	1	103	51	38	28.04	26.04	24.70	
631-FN2450F-16-61	FN2450F-16-61	G	16 (18.2)	0.52	1.84	0.47	3.3	1	103	51	38	27.60	25.63	24.32	
631-FN2450F-20-61	FN2450F-20-61	G	20 (22.8)	0.52	0.94	0.47	3.3	1	103	51	38	28.04	26.04	24.70	
Medical															
631-FN2450B-6-61	FN2450B-6-61	G	6 (6.8)	0.002	10.5	0.47	-	1	103	51	38	27.60	25.63	24.32	
631-FN2450B-10-61	FN2450B-10-61	G	10 (11.4)	0.002	4.9	0.47	-	1	103	51	38	28.04	26.04	24.70	
631-FN2450B-16-61	FN2450B-16-61	G	16 (18.2)	0.002	1.84	0.47	-	1	103	51	38	27.60	25.63	24.32	
631-FN2450B-20-61	FN2450B-20-61	G	20 (22.8)	0.002	0.94	0.47	-	1	103	51	38	28.16	26.03	24.70	