

PRODUCT RANGE OVERVIEW

Product line	Feedthrough capacitors		Feedthrough filter	
Product family	FN 751X	FN 756X	FN 761X	FN 766X
Rated current	10 to 200 A	10 to 200 A	10 to 250 A	10 to 200 A
Voltage	≤ 300 VAC	≤ 130 VDC	≤ 300 VAC	≤ 130 VDC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz

Product line	Common-mode chokes					Differential-mode chokes	Saturating chokes
Product family	EV/EH series	RN series	RT series	RB series	RD series	RS series	RI series
Rated current	0,3 to 5 A	0,3 to 10 A	6 to 20 A	16 to 80 A	6 to 64 A	0,5 to 4 A	1,5 to 25 A
Voltage	≤ 250 VAC	≤ 300 VAC	≤ 600 VAC	≤ 600 VAC	≤ 600 VAC / 850 VDC	≤ 300 VAC	≤ 500 VAC
Frequency	dc to 400 Hz	dc to 400 Hz	dc to 400 Hz	dc to 400 Hz	dc to 400 Hz	dc to 400 Hz	dc to 1kHz

Product line	PCB filter				
Product family	FN 402*	FN 405	FN 406*	FN 409	FN 410
Rated current	0,5 to 6,5 A	0,5 to 10 A	0,5 to 8,4 A	3 to 13 A	0,5 to 6 A
Voltage	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 75 VDC	≤ 250 VAC
Performance	standard	standard	standard	high	high

Product line	IEC inlet filter										IEC inlet filters with fuses or switch/FN 9264		IEC inlet filters with fuses and switch or voltage selector					
Product family	FN 9222	FN 9222(E)	FN 9226	FN 9233	FN 9233(E)	FN 9244	FN 9244(E)	FN 9246	FN 9255	FN 9255(E)	FN 9260	FN 9264	FN 280	FN 370	FN 380	FN 390	FN 9280(E)	FN 9290
Rated current	1 to 20 A	1 to 15 A	1 to 10 A	1 to 15 A	1 to 15 A	1 to 15 A	1 to 15 A	1 to 20 A	1 to 20 A	1 to 20 A	1 to 10 A	1 to 10 A	1 to 10 A	2 to 6 A	2 to 6 A	1 to 10 A	1 to 10 A	
Voltage	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	
Performance	standard	standard	standard	high	high	very high	very high	high	high	high	high	high	high	standard	standard	high	high / very high	

Product line	1-stage filter						
Product family	FN 332	FN 350	FN 2010*	FN 2020*	FN 2030*	FN 2410 / FN 2412	FN 2450*
Rated current	1 to 10 A	8 to 55 A	1 to 60 A	6 to 64 A	1 to 30 A	8 to 100 A	6 to 20 A
Voltage	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC
Performance	standard	high	standard	standard	high	very high	high

Product line	2-stage filter					
Product family	FN 343	FN 2060*	FN 2070*	FN 2080*	FN 2090*	FN 2415
Rated current	1 to 10 A	1 to 30 A	1 to 36 A	1 to 16 A	1 to 30 A	6 to 16 A
Voltage	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC	≤ 250 VAC
Performance	high	high	high	high	very high	high

Product line	3-stage filter	
Product family	FN 352 Z	FN 700 Z
Rated current	6 to 30 A	6 to 20 A
Voltage	≤ 250 VAC	≤ 250 VAC
Performance	very high	very high

Product line	DC filter		
Product family	FN 2200	FN 2211 / FN 2210	FN 2211HV / FN 2210HV
Rated current	25 to 2300 A	250 to 2300 A	250 to 2300 A
Voltage	≤ 1200 VDC	≤ 1000 VDC	≤ 520 VDC
Performance	high	high	high

Specifications are subject to change without notice. The latest version of the data sheets can be obtained from the website. All trade-marks recognized.

Schaffner is ISO-registered. Its products are designed and manufactured under the strict quality and environmental requirements of the ISO 9001 and ISO 14001 standards.

This document has been carefully checked. However, Schaffner does not assume any liability for errors or inaccuracies.

Product line	Three-phase filters											
Product family	FN 3287	FN 3288	FN 351	FN 3025 / FN 3026	FN 3100	FN 3120	FN 3258	FN 3268	FN 3270	FN 3359	FN 3311 / FN 3310	FN 3311 HV / FN 3310 HV
Rated current	10 to 160 A	10 to 160 A	8 to 280 A	10 to 50 A	35 to 300 A	25 to 230 A	7 to 180 A	7 to 180 A	10 to 1000 A	150 to 2500 A	250 to 2300 A	250 to 2300 A
Voltage	≤ 480 VAC	≤ 690 VAC	≤ 520 VAC	≤ 520 VAC	≤ 520 VAC	≤ 520 VAC	≤ 520 VAC	≤ 520 VAC	≤ 520 VAC	≤ 690 VAC	≤ 520 VAC	≤ 690 VAC
Performance	standard	high	high	standard	very high	very high	high	high	standard	very high	standard	standard

Product line	3 Ph LCL Filter
Product family	FN 6840
Rated current	25 to 380 A
Voltage	≤ 520 VAC
Swinging frequency	3 to 10 kHz

Product line	3 Ph+N EMC filter
Product family	FN 6840
Rated current	25 to 380 A
Voltage	≤ 520 VAC
Performance	high

Product line	Three-phase and neutral line filters				
Product family	FN 354	FN 355	FN 356	FN 3256	FN 3280
Rated current	4 to 25 A	3 to 20 A	16 to 150 A	8 to 160 A	8 to 600 A
Voltage	≤ 440 VAC	≤ 440 VAC	≤ 440 VAC	≤ 520 VAC	≤ 520 VAC
Performance	high	standard	high	high	very high

Product line	Passive harmonic filter										
Product family	FN 3440 / 41	FN 3450 / 51	FN 3452 / 53	FN 3410 HV	FN 3410 / 11	FN 3412 / 13	FN 3416	FN 3418	FN 3530 / 31 (3-wire) FN 3540 / 41 (4-wire)	FN 3532 (3-wire) FN 3542 (4-wire)	FN 3545 cabinet (3-wire / 4-wire)
Rated current	1,6 to 300 A	1,35 to 310 A	1,37 to 279 A	6,5 to 215 A	225 to 610 A	289 to 485 A	6 to 240 A	5 to 240 A	up to 60 A	up to 120 A	60 to 300 A
Voltage	380 to 415 VAC	440 to 500 VAC	440 to 480 VAC	690 VAC	380 to 500 VAC	380 to 480 VAC	380 to 480 VAC	380 to 480 VAC	380 to 480 / 415 VAC	380 to 480 / 415 VAC	380 to 480 / 415 VAC
Frequency	50 Hz	50 Hz	60 Hz	50 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
THID	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 10%	< 10%	< 5%	< 5%	< 5%

Product line	3 Phase Line reactors	
Product family	RWK 3044	RWK 3062
Rated current	2 to 1000 A	1,5 to 870 A
Voltage	380 to 480 VAC	380 to 690 VAC
Frequency	0 to 60 Hz	0 to 60 Hz

Product line	Output filter
Product family	FN 5060
Rated current	12 to 1100 A
Voltage	≤ 500 VAC
Motor frequency	0 to 60 Hz
Switching frequency	2 to 16 kHz
Motor cable length	≤ 500 m

Product line	Sine wave output filters							
Product family	FN 5060	FN 5060HV	FN 530	FN 5020	FN 510	FN 5030 (add on)	FN 5040 / FN 5045	FN 5040HV
Rated current	12 to 1100 A	30 to 1200 A	4 to 16 A	25 to 120 A	4 to 66 A	25 to 120 A	4,5 to 1200 A	13 to 1320 A
Voltage	≤ 500 VAC	≤ 690 VAC	≤ 250 VAC	≤ 500 VAC	520 VAC	≤ 500 VAC	≤ 500 VAC	≤ 500 VAC
Motor frequency	0 to 60 Hz	0 to 60 Hz	0 to 200 Hz	0 to 600 Hz	0 to 400 Hz	0 to 600 Hz	0 to 70 Hz	0 to 70 Hz
Switching frequency	2 to 16 kHz	2 to 16 kHz	6 to 20 kHz	6 to 15 kHz	2 to 16 kHz	6 to 15 kHz	2 to 12 kHz	2 to 16 kHz
Motor cable length	≤ 500 m	≤ 500 m	≤ 1000 m	≤ 200 m	< 80 m	< 1000 m	≤ 2000 m	≤ 2000 m

Product line	Load reactors
Product family	RWK 305
Rated current	4 to 1100 A
Voltage	≤ 500 VAC
Frequency	0 to 60 Hz
Switching frequency	2 to 16 kHz
Motor cable length	≤ 30 m

*Optionally available as a version (B type) with minimized leakage currents to meet the standard IEC / EN 60601-1.