

Product group	IEC inlet filters															
Product line	IEC inlet filter							IEC inlet filters with fuses or switch				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 9260*	FN 9263	FN 9264*	FN 280*	FN 370*	FN 380*	FN 390	FN 9280/90*
Features																
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 10 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
Performance	standard	standard	standard	high	high	very high	very high	high	high	high	high	high	standard	standard	high	high/very high

Product group	Chassis mounting filters								Chassis mounting filters							
Product line	1-stage filters								2-stage filters							
Product family	FN 332	FN 350	FN 2010*	FN 2020*	FN 2030*	FN 2410 / FN 2412	FN 2450*	FN 9675	FN 343	FN 685	FN 2060*	FN 2070*	FN 2080*	FN 2090*	FN 2360*	FN 2415
Features																
Rated current	1 to 10 A	8 to 55 A	1 to 60 A	1 to 60 A	1 to 30 A	8 to 100 A	6 to 20 A	3 to 16 A	1 to 10 A	10 to 36 A	1 to 30 A	1 to 36 A	1 to 16 A	1 to 30 A	3 to 6 A	6 to 16 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
Performance	standard	high	standard	standard	high	very high	high	high	high	high	high	high	high	very high	high	high

Product group	Chassis mounting filters		Feedthrough components				PCB filters					DC filters
Product line	3-stage filters		Feedthrough capacitors		Feedthrough filters							DC filters
Product family	FN 352Z	FN 700Z	FN 751X	FN 756X	FN 761X	FN 766X	FN 402*	FN 405	FN 406*	FN 409	FN 410	FN 2200
Features												
Rated current	6 to 30 A	6 to 20 A	10 to 200 A	10 to 200 A	10 to 250 A	10 to 200 A	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	25 to 2300 A
Voltage	≤250 VAC	≤250 VAC	≤300 VAC	≤130 VDC	≤300 VAC	≤130 VDC	≤250 VAC	≤250 VAC	≤250 VAC	≤75 VDC	≤250 VAC	≤1200 VDC
Perf./Frequency	very high	very high	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	standard	standard	standard	high	high	high

Product group	Three-phase filters									Three-phase filters				
Product line	Three-phase filters									Three-phase and neutral line filters				
Product family	FN 258	FN 351	FN 3025 / FN 3026	FN 3100	FN 3120	FN 3258	FN 3268	FN 3270	FN 3359	FN 354	FN 355	FN 356	FN 3256	FN 3280
Features														
Rated current	7 to 250 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	4 to 25 A	3 to 20 A	16 to 150 A	8 to 160 A	8 to 600 A
Voltage	≤690 VAC	≤520 VAC	≤520 VAC	≤520 VAC	≤520 VAC	≤520 VAC	≤520 VAC	≤520 VAC	≤690 VAC	≤440 VAC	≤440 VAC	≤440 VAC	≤520 VAC	≤520 VAC
Performance	high	high	standard	very high	very high	high	high	standard	very high	high	standard	high	high	very high

Product group	Output filters				
Product line	dv/dt filters	Sine wave output filters			
Product family	FN 510	FN 530	FN 5020	FN 5030 (add on)	FN 5040 / FN 5045
Features					
Rated current	4 to 66 A	4 to 16 A	25 to 120 A	25 to 120 A	4.5 to 1200 A
Voltage	≤520 VAC	≤520 VAC	≤500 VAC	≤500 VAC	≤500 VAC
Motor frequency	0 to 400 Hz	0 to 200 Hz	0 to 600 Hz	0 to 600 Hz	0 to 70 Hz (200 Hz)
Switching frequency	2 to 16 kHz	6 to 20 kHz	6 to 15 kHz	6 to 15 kHz	2 to 12 kHz
Motor cable length	≤80 m	≤1000 m	≤200 m	≤1000 m	≤2000 m

Product Range Overview

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Product group	Harmonic filters						
Product line	Passive				Active		
Product family	FN 3410/11	FN 3410 HV	FN 3412/13	FN 3416	FN 3418	FN 3420 (3-wire)	FN 3430 (4-wire)
Features							
Rated current	10 to 320 A	10 to 320 A	8 to 310 A	10 to 320 A	8 to 310 A	30 to 300 A	30 to 300 A
Voltage	380 to 500 VAC	≤690 VAC	380 to 480 VAC	380 to 500 VAC	380 to 480 VAC	380 to 480 VAC	380 to 415 VAC
Frequency	50 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50/60 Hz	50/60 Hz
THID	< 5 %	< 5 %	< 5 %	< 10 %	< 10 %	< 5 %	< 5 %

Product group	EMC/EMI chokes				
Product line	Common-mode chokes			Saturating chokes	
Product family	RD series	RN series	EV/EH series	RB series	RI series
Features					
Rated current	6 to 64 A	0,3 to 10 A	0,3 to 5 A	16 to 50 (80**) A	1,5 to 25 A
Voltage	≤600 VAC / 850 VDC	≤250 VAC	≤250 VAC	≤600 VAC / 1000 VDC	≤500 VAC
Frequency	dc to 400 Hz	dc to 1 kHz	dc to 400 Hz	dc to 400 Hz	dc to 1 kHz
THID	< 5 %	< 5 %	< 5 %	< 5 %	< 5 %

** forced air cooling

Product group	Three-phase reactors	
Product line	Load reactors	Line reactors
Product family	RWK 305	RWK 212
Features		
Rated current	4 to 1100 A	4 to 1100 A
Voltage	≤500 VAC	≤500 VAC
Frequency	0 to 60 Hz	50 to 60 Hz

* Optionally available as a version (B type) with minimized leakage currents. FN 9222, FN 9222(E), FN 9233, FN 9233(E), FN 9244, FN 9244(E), FN 9260, FN 9264, FN 9280, FN 9290 and FN 280 meet the standard IEC/EN 60601-1.

