

Product group	IEC inlet filters / Power entry modules													
Product line	IEC inlet filters							Power entry modules with fuses or switch		Power entry modules 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 280*	FN 370*	FN 380*	FN 390
Features														
Rated current	1 to 20A	1 to 15A	1 to 10A	1 to 15A	1 to 15A	1 to 15A	1 to 15A	1 to 20A	1 to 10A	1 to 10A	1 to 10A	2 to 6A	2 to 6A	1 to 10A
Voltage	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC
Performance	standard	standard	standard	high	high	very high	very high	high	high	high	high	standard	standard	high

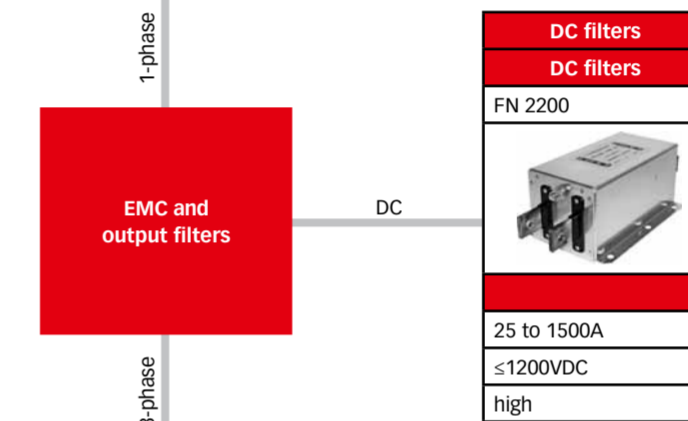
Product group	Chassis mounting filters								
Product line	1-stage filters								
Product family	FN 332	FN 350	FN 2010*	FN 2020*	FN 2030*	FN 2310	FN 2410 / FN 2412	FN 2450	FN 9675
Features									
Rated current	1 to 10A	8 to 55A	1 to 60A	1 to 60A	1 to 30A	3 to 10A	8 to 100A	6 to 20A	3 to 16A
Voltage	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC
Performance	standard	high	standard	standard	high	standard	very high	high	high

Product group	Chassis mounting filters								
Product line	2-stage filters								
Product family	FN 343	FN 685	FN 2060*	FN 2070*	FN 2080*	FN 2090*	FN 2320	FN 2360*	FN 2415
Features									
Rated current	1 to 10A	10 to 36A	1 to 30A	1 to 36A	1 to 16A	1 to 30A	3 to 20A	3 to 6A	6 to 16A
Voltage	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC	≤250VAC
Performance	high	high	high	high	high	very high	standard	high	high

Product group	Chassis mounting filters	
Product line	3-stage filters	
Product family	FN 352Z	FN 700Z
Features		
Rated current	6 to 30A	6 to 20A
Voltage	≤250VAC	≤250VAC
Perf. / Frequency	very high	very high

Feedthrough components				
Capacitors		Filters		
Product family	FN 751X	FN 756X	FN 761X	FN 766X
Features				
Rated current	10 to 200A	10 to 200A	10 to 250A	10 to 200A
Voltage	≤300VAC	≤130VDC	≤300VAC	≤130VDC
Performance	50/60Hz	50/60Hz	50/60Hz	50/60Hz

PCB filters					
Product family	FN 402	FN 405	FN 406	FN 409	FN 410
Features					
Rated current	0.5 to 6.5A	0.5 to 10A	0.5 to 8.4A	3 to 13A	0.5 to 6A
Voltage	≤250VAC	≤250VAC	≤250VAC	≤75VDC	≤250VAC
Performance	standard	standard	standard	high	high



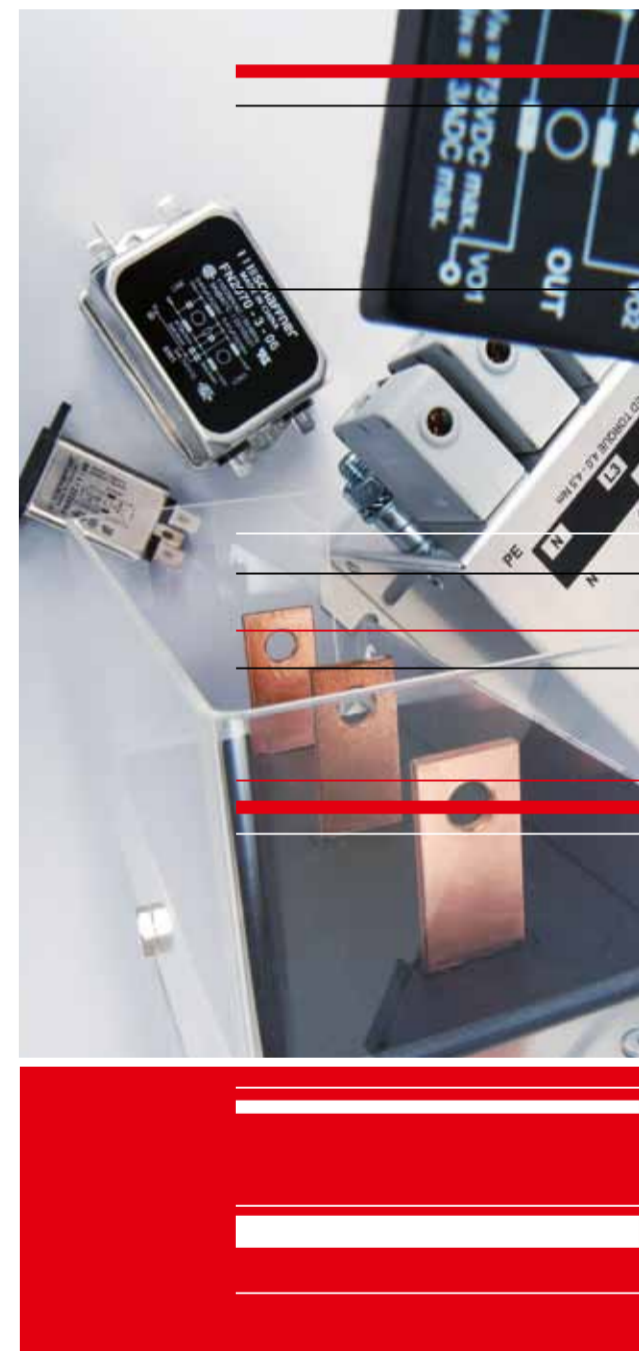
Product group	Three-phase filters								
Product line	Three-phase filters								
Product family	FN 258	FN 351	FN 3025 / FN 3026	FN 3100	FN 3120	FN 3258	FN 3270	FN 3359	FN 3400
Features									
Rated current	7 to 250A	8 to 280A	10 to 50A	35 to 300A	25 to 230A	7 to 180A	10 to 1000A	150 to 2500A	8 to 24A
Voltage	≤690VAC	≤520VAC	≤520VAC	≤520VAC	≤520VAC	≤520VAC	≤690VAC	≤520VAC	≤480VAC
Performance	high	high	standard	very high	very high	high	standard	very high	very high

Product group	Three-phase filters					
Product line	Three-phase and neutral line filters					
Product family	FN 256	FN 354	FN 355	FN 356	FN 3256	FN 3280
Features						
Rated current	8 to 160A	4 to 25A	3 to 20A	16 to 150A	8 to 160A	8 to 600A
Voltage	≤480VAC	≤440VAC	≤440VAC	≤440VAC	≤520VAC	≤520VAC
Performance	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 520	FN 530	FN 5010	FN 5020	FN 5030
Features						
Rated current	4 to 66A	4 to 16A	4 to 16A	2.5 to 610A	25 to 120A	25 to 120A
Voltage	≤520VAC	≤520VAC	≤520VAC	≤440VAC	≤500VAC	≤500VAC
Frequency	0 to 400Hz	0 to 200Hz	0 to 200Hz	0 to 70Hz	0 to 600Hz	0 to 600Hz
Switching frequency	2 to 16kHz	6 to 20kHz	6 to 20kHz	4 to 16kHz	6 to 15kHz	6 to 15kHz
Motor cable length	≤80m	≤200m	≤1000m	≤400m	≤200m	≤1000m

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Product group	Harmonic filters			
Product line	Passive		Active	
Product family	FN 3410	FN 3412	FN 3420	FN 3430
Features				
Rated current	10 to 320A	8 to 310A	30 to 300A**	30 to 300A**
Voltage	380 to 500VAC	440 to 480VAC	380 to 480VAC	380 to 415VAC
Frequency	50Hz	60Hz	50/60Hz	50/60Hz

Pulse transformers		
Single sec. winding	Double sec. winding	
Product family	IT series	IT series
Features		
Rated current	0.1 to 3A***	0.1 to 1A***
Voltage	≤3000V	≤500V
Performance	40kHz max.	40kHz max.

EMC/EMI chokes				
Common-mode chokes		Saturating chokes		
Product family	RD series	RN series	EV/EH series	RI series
Features				
Rated current	6 to 64A	0.3 to 10A	0.3 to 5A	1.5 to 25A
Voltage	≤600VAC/850VDC	≤250VAC	≤250VAC	≤500VAC
Performance	dc to 400Hz	dc to 1kHz	dc to 400Hz	dc to 1kHz

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

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* 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), and FN 9260 meet the standard IEC/EN 60601-1.

** Compensation currents *** Ignition currents

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