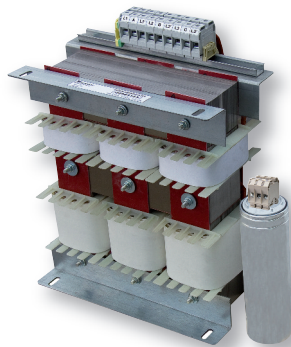




Passive Harmonic Filter with excellent attenuation of current harmonic distortion and overvoltage spikes

Datasheet 8/2019

APPROVALS:



FINHRM5C

FEATURES

- Modular system
- Base / wall mounting installation
- 690 VAC - HV version

MARKETS

- Process automation
- Oil & water plants
- Industrial automation
- Heating & ventilation
- Variable frequency drives and servo drives
- End user plants

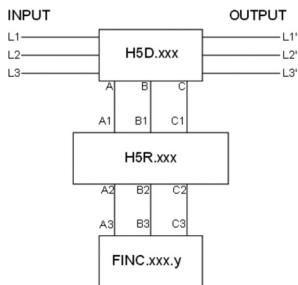
BENEFITS

- Rated current compensation up to 750A
- Unaffected by networks
- Paralleling system
- Allows to comply IEEE519

ORDERING CODE

FIN HRM5C	.016	.M	-50	.HV
Model	Current	Conn.	Freq.	Voltage
			50 Hz	690V
			60 Hz	

Rated Current (A)	Powe Loss W 400 Vac	Powe Loss W 480 Vac
10	55	80
16	90	120
24	150	190
32	210	275
38	240	320
45	275	370
60	335	415
75	385	465
90	425	550
110	470	650
150	560	710
180	595	750
210	630	820
260	780	940
320	940	1150
380	980	1220
470	1280	1410
580	1480	1650
650	1570	1790
750	1690	1920



TECHNICAL SPECIFICATIONS

Nominal voltage	0 – 480 VAC / 690 VAC HV version
Frequency	50 – 60Hz
Rated compensated current	10 to 750 A @50°C
Power grid structure	3 Phase
THD reduction	5% Full load (TDD)
TDD reduction	5%
Harmonic filtering range	5nd to 25th Orders
Operating temperature	-10°C / +50°C
Altitude	1500m. Over power decreases 1% every 100m
Protection class	IP00/20
Color	Aluminum natural

MECHANICAL DIMENSIONS mm

Current (A)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
10	180	150	120	90	220	145	285	8	20	59	150	130	166	35	59	4.5
16	240	200	126	98	315	160	380	8	20	59	150	130	166	35	59	4.5
24	240	200	128	100	315	160	380	8	20	135	120	210	260	100	104	5
32	240	200	147	118	320	180	380	8	20	135	120	210	260	100	104	5
38	300	260	153	115	397	200	460	8	25	135	120	320	300	120	104	5
45	300	260	150	110	382	200	450	8	25	135	120	320	300	120	104	5
60	300	260	175	130	400	220	470	8	25	234	219	320	300	120	204	5
75	360	260	155	115	480	210	550	8	25	234	219	320	300	120	204	5
90	360	260	155	115	480	210	550	8	25	234	219	320	300	120	204	5
110	360	300	175	145	460	290	530	8	25	234	219	320	300	120	204	5
150	360	300	205	175	460	320	530	8	25	334	319	320	350	130	304	5
180	480	360	200	150	610	320	670	10	30	334	319	320	350	130	304	5
210	480	360	220	170	610	340	670	10	30	334	319	320	350	130	304	5
260	480	360	230	180	610	350	670	10	30	334	319	320	350	130	304	5
320	480	360	260	220	610	380	610	10	30	334	319	320	350	130	304	5
380	600	380	255	210	740	390	740	14	30	334	319	320	350	130	304	5
470	600	380	285	240	660	420	660	14	30	300	254	382	670	630	300	9
580	600	380	325	280	710	460	710	14	30	300	254	382	670	630	300	9
650	600	380	325	280	760	460	760	14	30	300	254	382	670	630	300	9
750	600	380	325	280	760	460	760	14	30	300	254	382	670	630	300	9

CASE 1

