



Datasheet 202605

High frequency sine wave filter with excellent attenuation for variable frequency drive applications

APPROVALS:



FEATURES

- Rated current from 5 to 1100A
- High performance sine wave output
- Eliminates dV/dt and increases motor life
- Ideal for high speed motors

BENEFITS

- Terminal blocks up to 880A
- Very compact design
- Available in open frame or enclosure

MARKETS

- Long cable applications - 2,500m
- Frequency drives and servo drives >75 Hz
- Process plants
- Water treatment plants
- Agriculture

ORDERING CODE

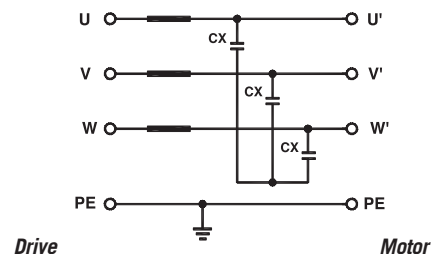
FIN915SFH	.100	.M	.xx
Model	Current (A)	Connection	Models
		M = Terminal	
		V = Screws	
		BC = Bus bar	

Custom nominal current and inductance value combinations are available to accommodate specific motor characteristics and working cycles.

ATTENUATION INDICATOR

High	Very High	Excellent

ELECTRIC DIAGRAM



TECHNICAL SPECIFICATIONS

Nominal voltage	0 - 600 Vac
Output frequency	200 - 2000 Hz
Rated current	5 - 1100 A
Carrier frequency (PWM)	>2 kHz
Ambient temperature	40°C
Altitude	1000 m
Relative humidity	<95% no condensation
Saturation current	4 x Rated Current (Switch ON) 2 x In 10 seconds 1.5 x In 10 minutes 1.5 x Nominal current
IP Protection	IP20 up to 360A IP00 over 480A
Optional	Enclosure, fan, finger safe protection

ELECTRICAL CHARACTERISTICS

FIN915SFH	Rated Current S1 (A)	Peak Current S6 (A)	f Motor (Hz)	f PWM (KHz)	Power Loss (W)
.016.M.021.3K1	16	21	500	8	25
.025.M.014.10012	25	32	300	8	45
.130.M.033.01025	130	165	400	8	85
.330.M.128.60V139	330	400	1000	8	405

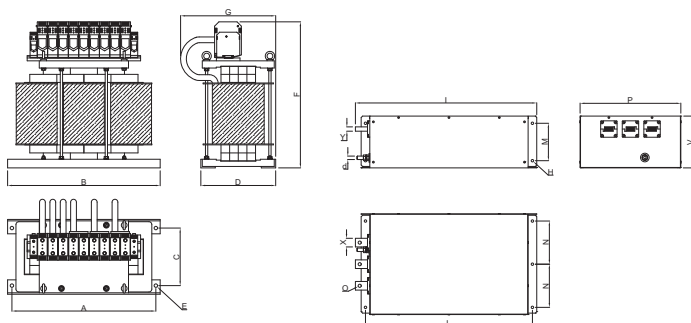
Custom nominal current and inductance value combinations are available to accommodate specific motor characteristics and working cycles.

S1 (100%) at 40C° - S6 (40% 2 min) at 40C°

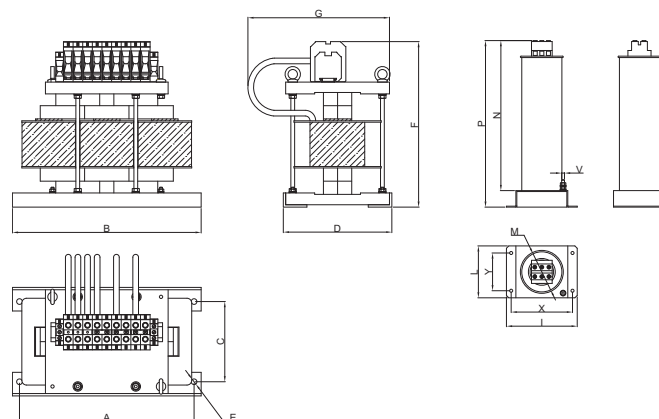
MECHANICAL DIMENSIONS mm

FIN915SFH	A	B	C	D	E	F	G	H	I	L	M	N	O	P	V	X	Y	d	Weight Kg.	Case
.016.M.021.3K1	280	300	140	160	8	250	220	5	59	130	35	153		170					30	1
.025.M.014.10012	240	260	110	138	8	242	160	5	59	130	35	53		170					25	2
.130.M.033.01025	370	400	170	230	12	351	300		150	110	85	318		353	M6	130	80		40	3
.330.M.128.60V139	500	530	200	260	12	508	330	9	630	580	130	150	11	350	180	30	15	M10	95	4

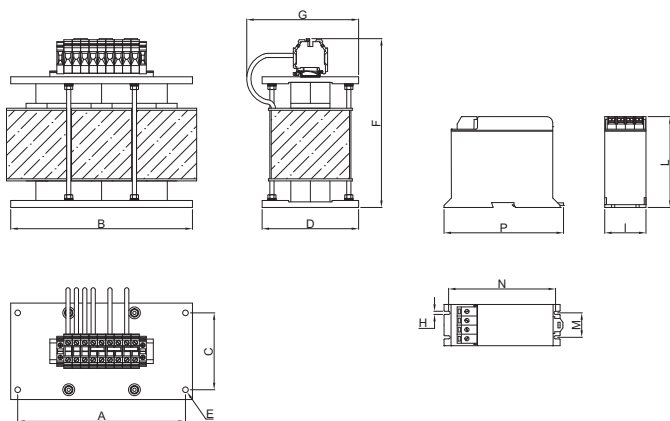
CASE 1



CASE 2



CASE 3



CASE 4

