



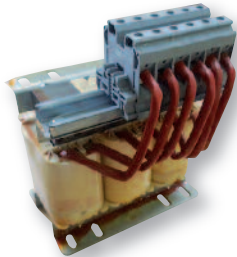
Datasheet 3/2019

**Line reactor 400 Vac, 3% and 5% impedance, with high attenuation of current harmonic distortion and overvoltage spikes**

**APPROVALS:**



UL1283  
CSA C22.2



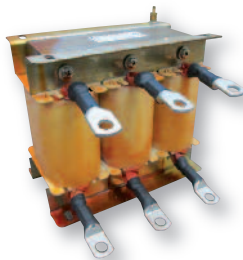
**FINFF (terminal blocks)**

**FEATURES**

- Rated current from 1 to 865A
- High differential mode attenuation
- Terminal blocks up to 180A

**BENEFITS**

- Various connections available
- Finger safe protection upon request
- Nema 1 and Nema 3R enclosures available



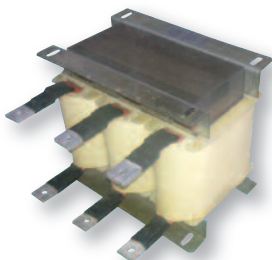
**FINFF (lug connections)**

**MARKETS**

- Variable frequency drives and servo drives
- Automated equipment
- Industrial automation
- Pumps

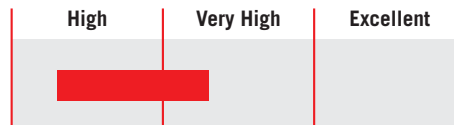
**ORDERING CODE**

FINFF	4P050	006	1818
Model	Inductance (L)	Current (A)	Internal ID
	4.050 mH	6A	

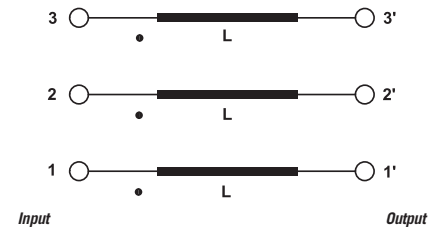


**FINFF (bus bar connections)**

**ATTENUATION INDICATOR**



**ELECTRIC DIAGRAM**



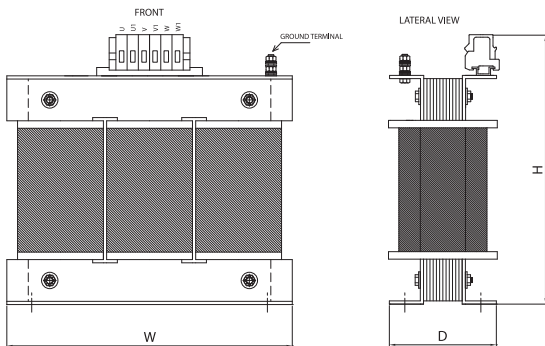
**TECHNICAL SPECIFICATIONS**

Nominal voltage	0 / 750 Vac
Frequency	50 – 60 Hz
Rated current	1 to 865A
Potential test voltage phase to phase	2400 Vdc (2 sec.)
Potential test voltage phase to ground	3200 Vdc (2 sec.)
Saturation current	1.5 x I <sub>n</sub>
Dielectric strength	4 kV
IP Protection	IP20 up to 180A IPO0 over
Climatic class	-40 / +85° C
MTBF at 40°C	250.000 Hrs.

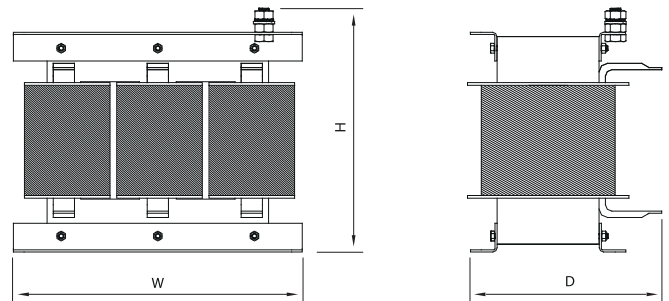
### ELECTRICAL CHARACTERISTICS - MECHANICAL DIMENSIONS

HP@400 Vac	Rated Current 40°C	FF 3% @400Vac	Open Frame Dimensions			Weight (Kg)	Case	Nema 1 Enclosure	FF 5% @400Vac	Open Frame Dimensions			Weight (Kg)	Case	Nema 1 Enclosure
			H	W	D					H	W	D			
3.5	6	FF04P0500061818	120	120	90	2.2	1	FINENCL.31	FF6P7520006	160	160	120	3.3	1	FINENCL.31
8	12	FF2P0250012	160	160	120	3.6	1	FINENCL.31	FF3P3750012	160	160	130	4.5	1	FINENCL.31
11	18	FF1P17200181833	160	160	120	3.7	1	FINENCL.31	FF1P97500181834	160	160	130	4.6	1	FINENCL.31
15	24	FF0P88100241819	180	180	120	5.5	1	FINENCL.31	FF1P4680024	180	180	130	7	1	FINENCL.31
20	32	FF0P660032	180	180	120	6	1	FINENCL.31	FF01P010032	300	240	140	11	1	FINENCL.41
24	38	FF0P63900381820	180	180	135	7.5	1	FINENCL.31	FF1P0660038	300	240	140	11.5	1	FINENCL.41
28	45	FF0P5410045	300	240	140	11	1	FINENCL.41	FF000P90045	300	240	165	15.5	1	FINENCL.41
38	60	FF0P40500601821	300	240	140	11	1	FINENCL.41	FF0P6750060	300	240	165	16.5	1	FINENCL.41
46	73	FF0P3340073	300	240	165	16	1	FINENCL.51	FF0P5550073	300	240	165	17	1	FINENCL.51
57	90	FF0P2670091	300	240	165	16.5	1	FINENCL.51	FF0P4450091	300	240	180	20	1	FINENCL.51
70	110	FF0P22101101822	300	240	165	17	1	FINENCL.51	FF0P3680110	270	300	200	27	1	FINENCL.61
95	150	FF0P16201501826	215	240	250	21	1	FINENCL.61	FF00P2701501828	270	300	210	31	2	FINENCL.61
114	180	FF0P1350180	270	300	200	26	1	FINENCL.61	FF0P2250180	270	300	240	39	2	FINENCL.61
139	220	FF00P1102201827	270	300	200	28	2	FINENCL.61	FF0P1840220	340	340	250	49	2	FINENCL.61
164	260	FF0P0980260	270	300	250	38	2	FINENCL.71	FF0P1620260	340	340	250	52	2	FINENCL.71
196	310	FF0P07803101829	270	300	250	39	2	FINENCL.71	FF0P1310310	340	340	260	60	2	FINENCL.71
234	370	FF0P06006831824	340	340	250	50	3	FINENCL.71	FF0P1090370	340	340	280	82	3	FINENCL.81
290	460	FF0P0540460	340	340	270	61	3	FINENCL.81	FF0P0900460	410	480	300	95	3	FINENCL.81
347	550	FF0P04405501831	340	340	270	63	3	FINENCL.81	FF0P0740550	410	480	300	110	3	FINENCL.81
388	615	FF0P03906161832	340	340	280	80	3	FINENCL.81	FF0P0660616	410	480	330	119	3	FINENCL.101
429	680	FF0P0360683	410	480	300	90	3	FINENCL.101	FF0P06006831824	410	480	320	120	3	FINENCL.101
546	865	FF0P02808661823	410	480	300	100	3	FINENCL.101	FF0P04708661825	650	600	370	173	3	FINENCL.101

#### CASE 1



#### CASE 2



#### CASE 3

