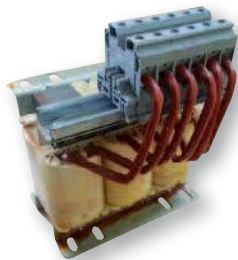




Datasheet 3/2019

## Line reactor 480 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 750A
- High differential mode attenuation
- Terminal blocks up to 180A

**BENEFITS**

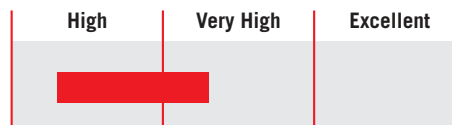
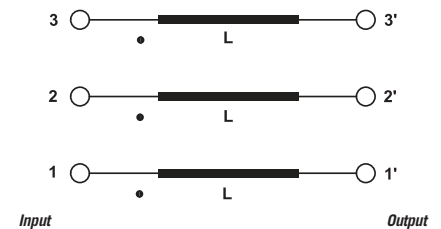
- Various connections available
- Finger safe protection available
- Nema 1 and Nema 3R enclosures available


**FINFF (lug connections)**
**MARKETS**

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

**ORDERING CODE**

FINFF	020P1	01P1	0831
Model	Inductance (L)	Current (A)	Internal ID
	20.1 mH	1.1A	

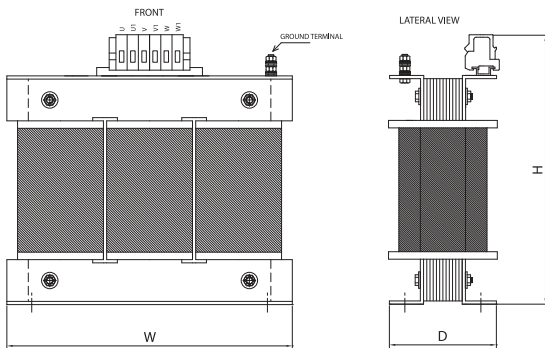

**FINFF (bus-bar connections)**
**ATTENUATION INDICATOR**

**ELECTRIC DIAGRAM**

**TECHNICAL SPECIFICATIONS**

Nominal voltage	0 / 750 Vac
Frequency	50 – 60 Hz
Rated current	1 to 750A
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.

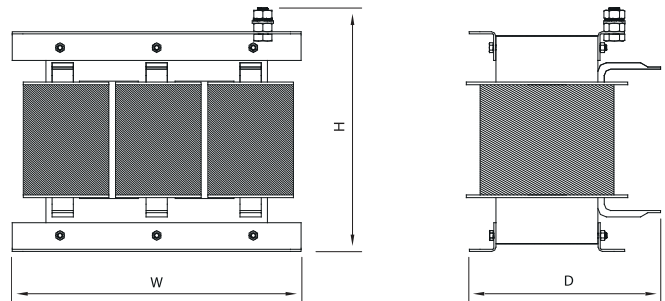
### ELECTRICAL CHARACTERISTICS - MECHANICAL DIMENSIONS

HP@480 Vac	Rated Current 40°C	FF 3% @480Vac	Open Frame Dimensions			Weight (Kg)	Case	Nema 1 Enclosure	FF 5% @480Vac	Open Frame Dimensions			Weight (Kg)	Case	Nema 1 Enclosure
			H	W	D					H	W	D			
0.5	1.1	FF020P101P10831	120	120	90	1.6	1	FINENCL.31	FF033P501P10978	120	120	90	2	1	FINENCL.31
0.75	1.6	FF0013P901P60830	120	120	90	1.85	1	FINENCL.31	FF0002301P60979	120	120	90	2.1	1	FINENCL.31
1	2.1	FF010P602P10829	120	120	90	1.9	1	FINENCL.31	FF0001802P10980	120	120	90	2.5	1	FINENCL.31
2	3.4	FF006P503P40827	120	120	90	2	1	FINENCL.31	FF0001103P40981	120	120	90	2.8	1	FINENCL.31
3	4.8	FF004P604P80826	120	120	90	2.1	1	FINENCL.31	FF007P704P80982	160	160	120	4	1	FINENCL.31
5	7.6	FF02P9107P60832	165	160	120	4	1	FINENCL.31	FF04P8407P60983	160	160	120	4.5	1	FINENCL.31
7.5	11	FF02P0100110833	165	160	120	4	1	FINENCL.31	FF003P300110984	160	160	130	5.3	1	FINENCL.31
10	14	FF01P5800140834	165	160	130	4.7	1	FINENCL.31	FF002P600140985	160	160	130	5.5	1	FINENCL.31
15	21	FF01P0500210835	165	160	130	5	1	FINENCL.31	FF01P7600210986	180	180	130	8	1	FINENCL.31
20	27	FF00P8200340836	250	180	135	7.4	1	FINENCL.31	FF001P300270987	180	180	140	9	1	FINENCL.41
25	34	FF00P6400340837	250	180	135	7.6	1	FINENCL.31	FF001P200340988	300	240	145	12	1	FINENCL.41
30	40	FF00P5500400839	250	180	135	8	1	FINENCL.31	FF00P9800460989	300	240	145	12.5	1	FINENCL.41
40	52	FF00P3400650840	250	180	145	9	1	FINENCL.41	FF00P7500520990	300	240	145	13	1	FINENCL.41
50	65	FF00P3400650841	250	180	145	9	1	FINENCL.41	FFP566300651951	250	240	165	15	1	FINENCL.41
60	83	FF0P26800831002	300	240	150	14	1	FINENCL.41	FF00P5100830991	300	240	180	23	1	FINENCL.41
75	104	FF0P26301050976	300	240	180	22	1	FINENCL.41	FF0P37501040992	350	300	190	28	1	FINENCL.51
100	130	FF00P1701301003	300	240	185	23	1	FINENCL.41	FF000P301300993	350	300	190	28.5	2	FINENCL.51
125	160	FF00P1501600954	350	300	190	27	2	FINENCL.61	FF00P2601600994	300	300	210	33	2	FINENCL.61
150	200	FF0P11102001004	300	300	210	29	2	FINENCL.61	FF000P202000995	300	300	250	41	2	FINENCL.61
200	250	FF0P08902501005	300	300	220	33	2	FINENCL.61	FF0P17702501853	340	395	240	55	2	FINENCL.61
250	322	FFP068703221006	300	300	230	41	3	FINENCL.61	FFP135603251854	340	395	250	62	3	FINENCL.61
300	414	FFP053504141007	375	395	265	56	3	FINENCL.81	FF0P10604151855	340	395	260	80	3	FINENCL.61
400	515	FF0P04305151008	375	395	275	63	3	FINENCL.81	FFP085805151856	340	395	280	90	3	FINENCL.101
475	600	FFP036906001009	375	395	375	67	3	FINENCL.101	FFP073606001857	340	395	280	91	3	FINENCL.101
600	750	FFP029507501010	375	395	300	80	3	FINENCL.101	FF0P04907501858	400	480	350	120	3	FINENCL.101

#### CASE 1



#### CASE 2



#### CASE 3

