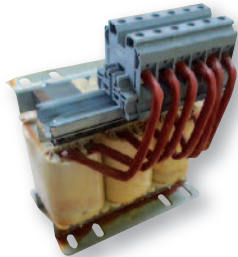




Datasheet 3/2019

Line reactor 230 Vac, 3% and 5% impedance, with high attenuation of current distortion and overvoltage spikes

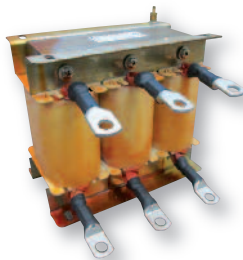
APPROVALS:

 UL1283
CSA C22.2

FINFF (terminal blocks)
FEATURES

- Rated current from 2.5 to 250A
- High differential mode attenuation
- Terminal blocks up to 130A

BENEFITS

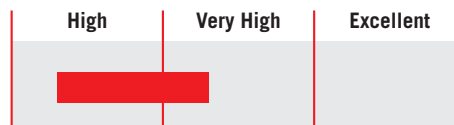
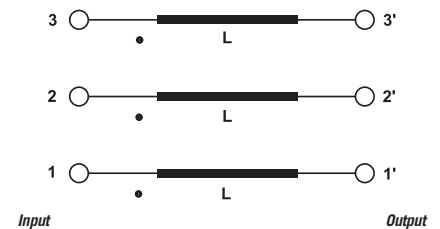
- Various connections available
- Finger safe protection available
- Nema 1 and Nema 3R enclosures


FINFF (lug connections)
MARKETS

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

ORDERING CODE

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

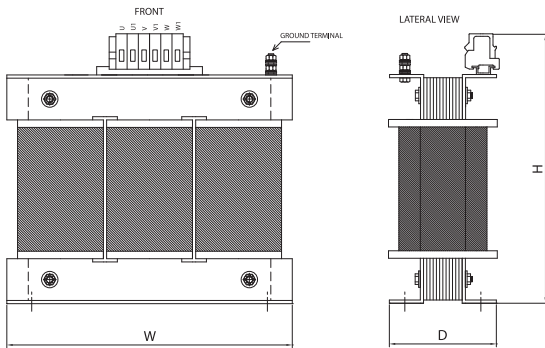
ATTENUATION INDICATOR

ELECTRIC DIAGRAM

TECHNICAL SPECIFICATIONS

| | |
|--|-----------------------------------|
| Nominal voltage | 0 / 600 Vac |
| Frequency | 50 – 60 Hz |
| Rated current | 7 to 250A |
| 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 _n |
| Dielectric strength | 4 kV |
| IP Protection | IP20 up to 180A IPO0 over 180A |
| Climatic class | -40 / +85° C |
| MTBF at 40°C | 250.000 Hrs. |

ELECTRICAL CHARACTERISTICS - MECHANICAL DIMENSIONS

| HP@230 Vac | Rated Current 40°C | FF 3% @230Vac | Open Frame Dimensions | | | Weight (Kg) | Case | Nema 1 Enclosure | FF 5% @230Vac | Open Frame Dimensions | | | Weight (Kg) | Case | Nema 1 Enclosure |
|------------|--------------------|-----------------|-----------------------|-----|-----|-------------|------|------------------|-----------------|-----------------------|-----|-----|-------------|------|------------------|
| | | | H | W | D | | | | | H | W | D | | | |
| 0.5 | 2.4 | FF5P05502P11291 | 120 | 120 | 80 | 1.8 | 1 | FINENCL.31 | FF010P602P10829 | 120 | 120 | 90 | 1.9 | 1 | FINENCL.31 |
| 0.75 | 3.5 | FF03P1203P41292 | 120 | 120 | 80 | 1.8 | 1 | FINENCL.31 | FF006P503P40827 | 120 | 120 | 90 | 2 | 1 | FINENCL.31 |
| 1 | 4.6 | FF02P2104P81293 | 120 | 120 | 80 | 1.9 | 1 | FINENCL.31 | FF004P604P80826 | 120 | 120 | 90 | 2.1 | 1 | FINENCL.31 |
| 2 | 7.6 | FF001P407P61294 | 120 | 120 | 90 | 2.4 | 1 | FINENCL.31 | FF02P9107P60832 | 165 | 160 | 120 | 4 | 1 | FINENCL.31 |
| 3 | 11 | FF0P96500111295 | 160 | 160 | 120 | 3.9 | 1 | FINENCL.31 | FF02P0100110833 | 165 | 160 | 120 | 4 | 1 | FINENCL.31 |
| 5 | 14 | FF0P75800141296 | 160 | 160 | 120 | 4 | 1 | FINENCL.31 | FF01P5800140834 | 165 | 160 | 130 | 4.7 | 1 | FINENCL.31 |
| 7 | 21 | FF0P50500211297 | 160 | 160 | 120 | 4 | 1 | FINENCL.31 | FF01P0500210835 | 165 | 160 | 130 | 5 | 1 | FINENCL.31 |
| 10 | 34 | FF0P26500401301 | 210 | 160 | 130 | 5 | 1 | FINENCL.41 | FF00P6400340837 | 250 | 180 | 135 | 7.6 | 1 | FINENCL.41 |
| 15 | 52 | FF0P20500521302 | 240 | 180 | 135 | 7.5 | 1 | FINENCL.41 | FF00P4200520840 | 250 | 180 | 145 | 9 | 1 | FINENCL.41 |
| 25 | 83 | FF0P12800831303 | 300 | 240 | 150 | 12 | 1 | FINENCL.41 | FF0P26800831002 | 300 | 240 | 180 | 22 | 1 | FINENCL.41 |
| 35 | 105 | FF0P10101051304 | 300 | 240 | 150 | 12.5 | 1 | FINENCL.41 | FF0P26301050976 | 300 | 240 | 185 | 23 | 1 | FINENCL.41 |
| 40 | 130 | FF0P08201301305 | 305 | 240 | 165 | 17 | 1 | FINENCL.41 | FF00P1701301003 | 350 | 300 | 190 | 27 | 1 | FINENCL.41 |
| 60 | 160 | FF0P06601601306 | 210 | 240 | 165 | 17 | 2 | FINENCL.41 | FF00P1501600954 | 300 | 300 | 210 | 29 | 2 | FINENCL.51 |
| 70 | 200 | FF0P05302001307 | 210 | 240 | 185 | 22 | 2 | FINENCL.41 | FF0P11102001004 | 300 | 220 | 300 | 33 | 2 | FINENCL.51 |
| 90 | 250 | FF0P04302501308 | 315 | 300 | 230 | 26 | 2 | FINENCL.51 | FF0P08902501005 | 300 | 230 | 300 | 41 | 2 | FINENCL.51 |

CASE 1



CASE 2

