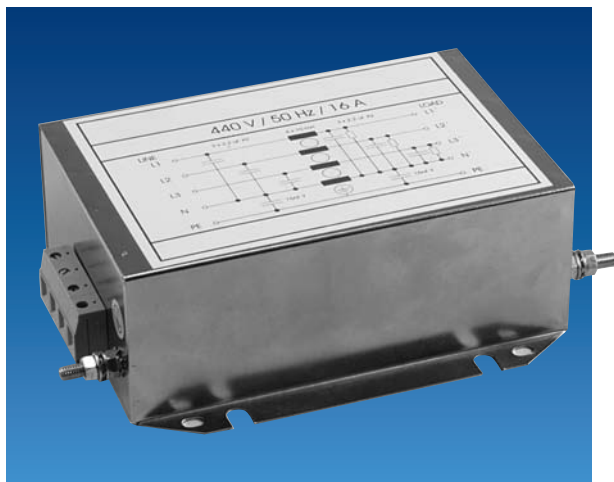


# PDF Series

## 3-PHASE, CHASSIS MOUNT WITH TERMINAL BLOCK EMI/RFI LINE FILTER.



### FEATURES

The PDF series offers 3-phase filters in the compactly constructed chassis mount package. It offers terminal block as the connecting terminals for easy connection. This high performance filter is ideal for many high current applications requiring EMC compliance with various industry standards.

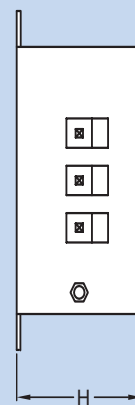
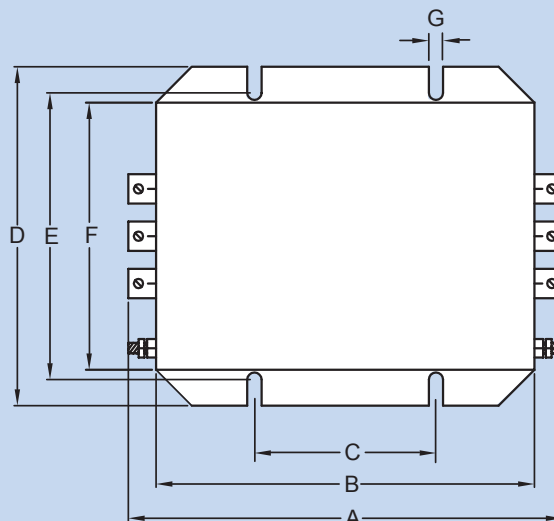
### APPLICATIONS

Motors, compressors, non-interrupting and switching-mode power supplies and other electronic machines.

### TECHNICAL DATA

- Rated Voltage: 440VAC
- Rated Current: 16A, 32A, 50A, 100A
- Power Line Frequency: 50/60Hz
- Temperature Range: -25C to +85C

### MECHANICAL DIMENSIONS (Unit: mm)



|                | A   | B   | C   | D   | E   | F   | G    | H  |
|----------------|-----|-----|-----|-----|-----|-----|------|----|
| <b>PDF016T</b> | 175 | 150 | 85  | 125 | 112 | 100 | 6.4  | 56 |
| <b>PDF032T</b> | 180 | 150 | 85  | 125 | 112 | 100 | 6.4  | 55 |
| <b>PDF050T</b> | 265 | 200 | 115 | 150 | 135 | 120 | 6.4  | 64 |
| <b>PDF100T</b> | 340 | 260 | 150 | 180 | 165 | 150 | 10.5 | 80 |

Specifications subject to change without notice. Dimensions (mm).

# PDF Series Attenuation Table

## Non-Medical Applications

Insertion loss in dB (50 Ohm circuit)

| PDI<br>P/N | Current<br>Rating (A) | L<br>(mH x 3) | Cx<br>(uF x 3) | Cy<br>(uF x 4) | Cz<br>(uF x 3) | R<br>(Ohms) | Comm. Mode(L-G) MHz |    |    |    |    |    | Diff. mode(L-L) MHz |     |    |    |    |    |
|------------|-----------------------|---------------|----------------|----------------|----------------|-------------|---------------------|----|----|----|----|----|---------------------|-----|----|----|----|----|
|            |                       |               |                |                |                |             | .15                 | .5 | 1  | 5  | 10 | 30 | .15                 | .5  | 1  | 5  | 10 | 30 |
| PDF016T    | 16                    | 11            | 2.2            | 4.4            | 0.068          | 100K        | 85                  | 90 | 80 | 73 | 69 | 71 | 80                  | 98  | 79 | 78 | 70 | 57 |
| PDF032T    | 32                    | 10            | 2.2            | 4.4            | 0.068          | 100K        | 84                  | 88 | 80 | 62 | 68 | 64 | 75                  | 94  | 78 | 75 | 70 | 57 |
| PDF050T    | 50                    | 4.3           | 2.2            | 4.4            | 0.068          | 100K        | 80                  | 86 | 80 | 70 | 69 | 40 | 73                  | 101 | 90 | 90 | 89 | 61 |
| PDF100T    | 100                   | 4.3           | 2.2            | 4.4            | 0.068          | 100K        | 75                  | 88 | 78 | 64 | 60 | 47 | 63                  | 80  | 74 | 70 | 60 | 40 |

## SCHEMATIC

