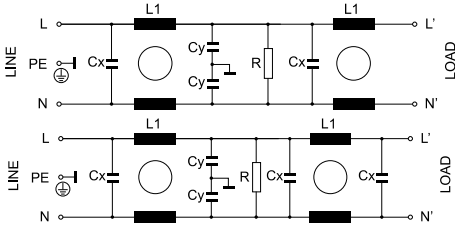


# FFH

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## Electrical schematics

ONLY FOR FFH - 1X/Z and -3X/Z



RFI Power Line Filters

## General Purpose

Double stage filter.  
Very high attenuation (Symmetrical and asymmetrical).  
For application with high EMI levels.

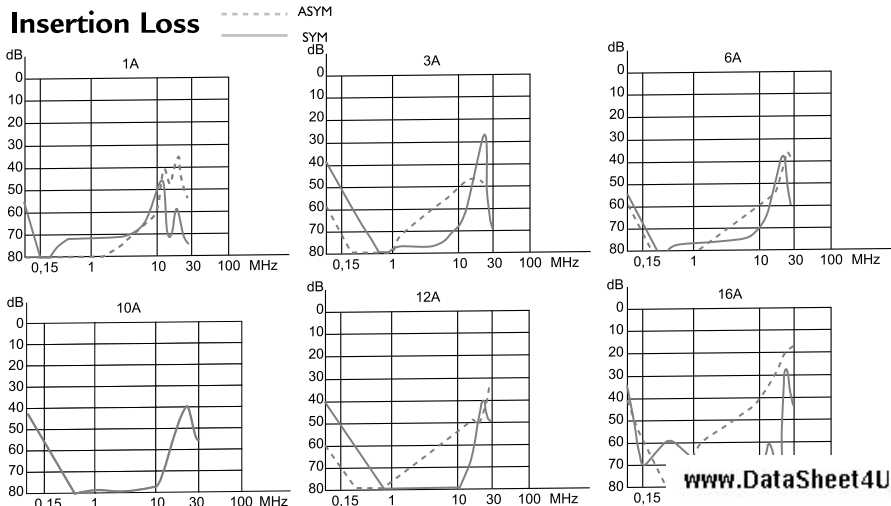
## General Specifications

Maximum operating voltage: 250Vac.  
Operating frequency: DC - 60Hz.  
Hipot test voltage: L/N->PE: 1800Vac 2s.  
L->N: 1700 Vdc 2s.  
Application class: HPF Acc. TO DIN 40040 (-25°C/+85°C/95% RH, 30d).  
Flammability class: UL 94 V2.

## Product List

| TYPE    | I      | L1      | CX     | CY     | R (Ω) | HOUSING | L.CURRENT | CONNECTION   | WEIGHT ±g |
|---------|--------|---------|--------|--------|-------|---------|-----------|--------------|-----------|
| FFH-1X  | 1 Amp  | 22 mH   | 330 nF | 4,7 nF | 1M    | 215     | 0,45mA    | AWG18 WIRE   | 170       |
| FFH-1Z  |        |         |        |        |       | 214     |           | FASTON 6,3mm | 164       |
| FFH-3X  | 3 Amp  | 10 mH   | 470 nF | 4,7 nF | 470K  | 217     | 0,45mA    | AWG18 WIRE   | 205       |
| FFH-3Z  |        |         |        |        |       | 216     |           | FASTON 6,3mm | 199       |
| FFH-6X  | 6 Amp  | 7,8 mH  | 1 µF   | 4,7 nF | 220K  | 219     | 0,45mA    | AWG18 WIRE   | 260       |
| FFH-6Z  |        |         |        |        |       | 218     |           | FASTON 6,3mm | 250       |
| FFH-10X | 10 Amp | 4,5 mH  | 1 µF   | 4,7 nF | 220K  | 219     | 0,45mA    | AWG18 WIRE   | 260       |
| FFH-10Z |        |         |        |        |       | 218     |           | FASTON 6,3mm | 250       |
| FFH-12X | 12 Amp | 3,25 mH | 1 µF   | 4,7 nF | 220K  | 219     | 0,45mA    | AWG18 WIRE   | 260       |
| FFH-12Z |        |         |        |        |       | 218     |           | FASTON 6,3mm | 250       |
| FFH-16X | 16 Amp | 2 mH    | 1 µF   | 4,7 nF | 220K  | 223     | 0,45mA    | AWG18 WIRE   | 510       |
| FFH-16Z |        |         |        |        |       | 221     |           | FASTON 6,3mm | 500       |

## Insertion Loss



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