



FEATURES

The HGN-375 protects electronic equipment from common and differential mode line interference in the range of 10KHz up to 30MHz. This "combi-unit" is equipped with IEC connector, fuse holder for one or two 5 x 20 mm fuses, 2 pole on/off switch and fully enclosed metal housing. These filters are also available for Medical equipment with low leakage current. HGN-375 series filters are high performance filters and have been designed to bring various medical equipments into compliance with EN55011 and FCC Part 15J, Class B conducted emissions limits.

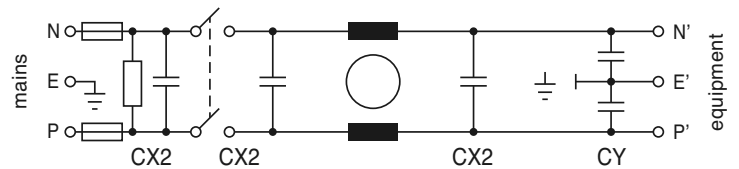
APPLICATIONS

Computer & networking equipment, Measuring & control equipment, Data processing equipment, laboratory instruments, Switching power supplies, other electronic equipment.

TECHNICAL DATA

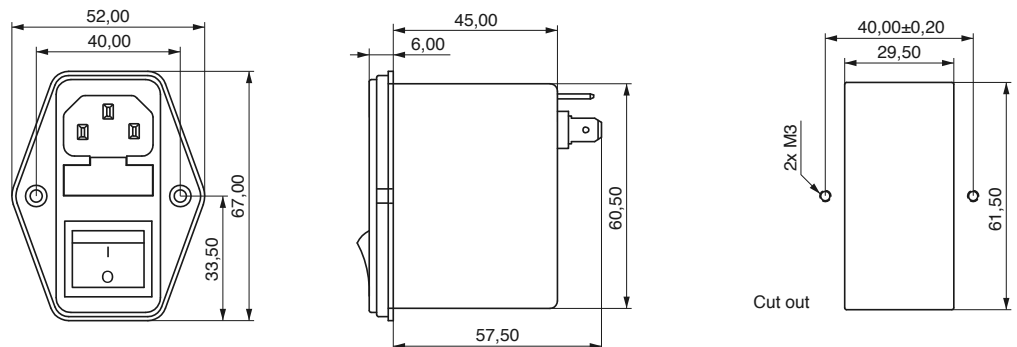
| | |
|--------------------------------|--------------------------------|
| Operating voltage | 250 V / 50 Hz 120 V / 60 Hz |
| Rated current, 40°C | 1 A / 2 A / 4 A / 6 A |
| Leakage current | < 0,5 mA / 250 VAC |
| Temperature range | -25°C – +85°C |
| Test voltage (VDE 0565) | 1,8 kV / 50 Hz – 2 s |

CIRCUIT



| Type / Ordering-No. | Nominal current at 40°C | CX2 [μF] | CY[pF] | L[mH] | Remarks |
|------------------------|-------------------------|---------------------|----------|----------|------------------------|
| HGN 375-1-FX | 1A | 0,068 + 0,033 + 0,1 | 2 x 2200 | 2 x 10,3 | X=L: 2 Fuses 5 x 20 mm |
| -2-FX | 2A | 0,068 + 0,033 + 0,1 | 2 x 2200 | 2 x 4,6 | |
| -4-FX | 4A | 0,068 + 0,033 + 0,1 | 2 x 2200 | 2 x 1,2 | |
| -6-FX | 6A | 0,068 + 0,033 + 0,1 | 2 x 2200 | 2 x 0,8 | |
| Medical version | | | | | |
| HGN 375-1M-FX | 1A | 0,068 + 0,033 + 0,1 | – | 2 x 10,3 | |
| -2M-FX | 2A | 0,068 + 0,033 + 0,1 | – | 2 x 4,6 | |
| -4M-FX | 4A | 0,068 + 0,033 + 0,1 | – | 2 x 1,2 | |
| -6M-FX | 6A | 0,068 + 0,033 + 0,1 | – | 2 x 0,8 | |

DIMENSIONS



Attenuation in 50 Ohm-
50 Ohm circuit according CISPR

