

Filter F 100.040

for 250V/50Hz 4A_{RMS}



Application:

The filter suppress the radiointerference in frequency converters, switching units, power supplies and semiconductor control devices in range of medium and high frequencies. The filter is intended for mounting in to the apparatus or into the other electronic devices.

Construction:

The filter consist of the compensated suppression chokes L1 and L2, the capacitors C1, C2, class X2, type C 303 and two Y2 capacitors C3, C4, type C 333.

The filter contains the discharge resistor R 1M Ω /2W.

The filter is encapsulated in flame retardant plastic case.

The lead 5 is also connected with the internal metallic screening.

Leads: the leads are made with faston 0,8 x 6,3 or with screws M4.

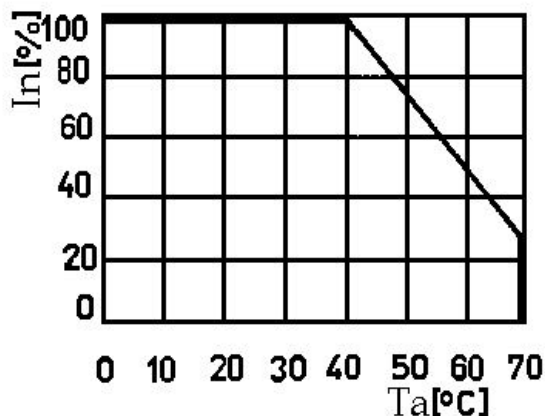
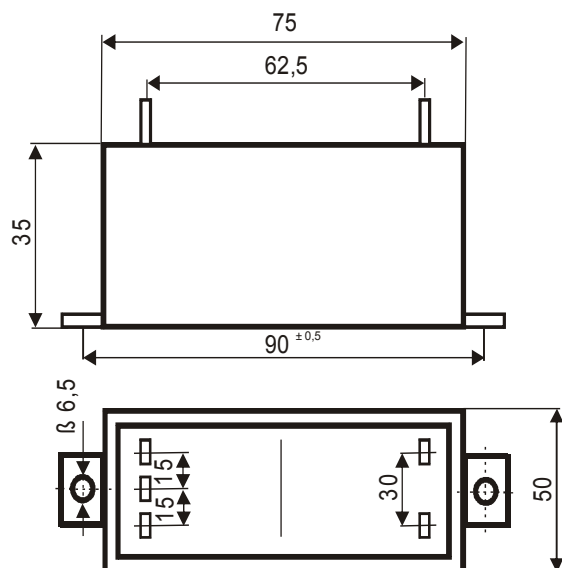
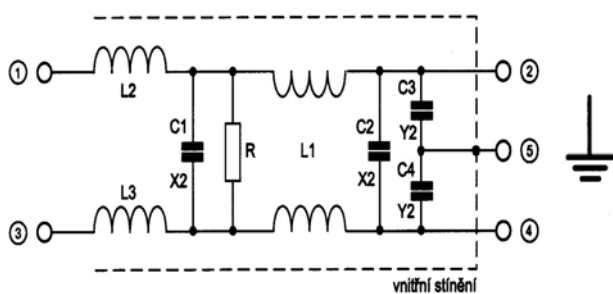
Rated working voltage: 250V, 50Hz

(between leads 1 - 2, 3 - 4)

Rated through - current In: 4 A_{RMS} at +40°C

Working temperature range:

-40°C \div +70°C



Test voltage between the leads 1-2, 3-4:

1000 V, 50 Hz, 60 sec.

Test voltage between the leads 3-5, 4-5:

2000 V, 50 Hz, 60 sec.

Test voltage between connected leads and case:

2000V, 50 Hz, 60 sec.

Reference standards: IEC 60384-14/II and IEC 60939

Marking for purchase order:

F 100.040