



Line filter 1- phase

High Current Line Filter to Protection class I

Conform to EN133200, UL1283, IEC60950

Abstract:

These filters are generally used as protection against interference voltages from mains, and are mounted inside the control rack as close as possible to the mains input. At the same time possible interference generated from the amplifiers are strongly attenuated and therefore will not reach the mains.

For maximal filter performance:

- separate physically filter input and output lines
- separate physically from amplifiers
- use dedicated earth connection for the filter (min 10mm²)



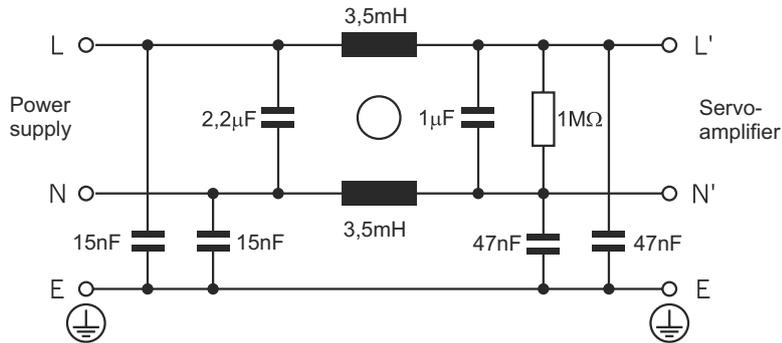
Order No: 652.01003-1

Technical Data:

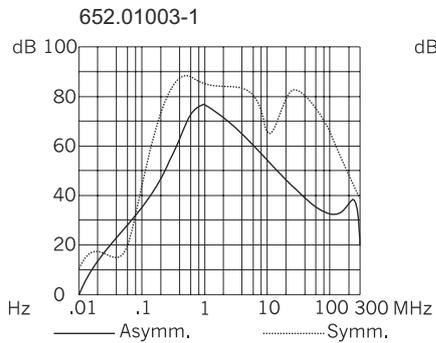
Nominal current:	20A
Rated voltage $U_R (U_{max})$	250VAC 50/60Hz
Attenuation	High
Leakage current	for industrial applications
Test voltages:	L/N - E 2.7 kVDC, 2 sec L - N 1.7 kVDC, 2 sec
Climatic category:	25/100/21 acc. to IEC60068-1
50% saturation typ:	2 to 3 x I_N @ 20°C
Inrush current:	1,5 x I_N 1min. per hour
Resistance L - L'	5,8 mOhm (+/-15%)
Power dissipation total	4,6W (+/-15%)
MTBF @ 40°C / $U_R (U_{max})$:	>200.000 h acc. to MIL-HB-217F

* Without resistor

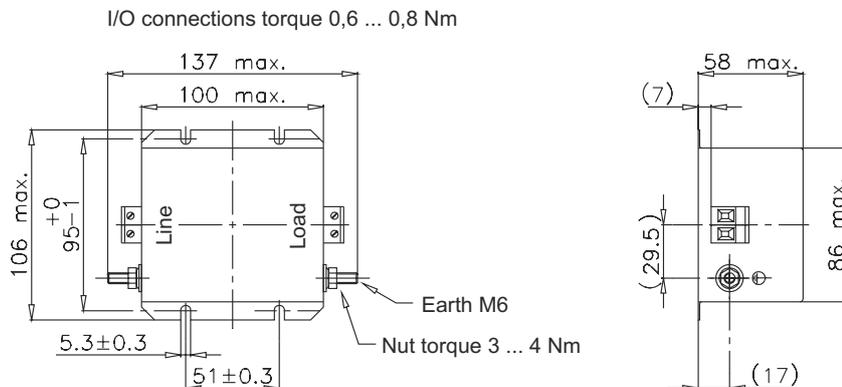
Circuit diagramm



Insertion loss:



Dimensions:



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