

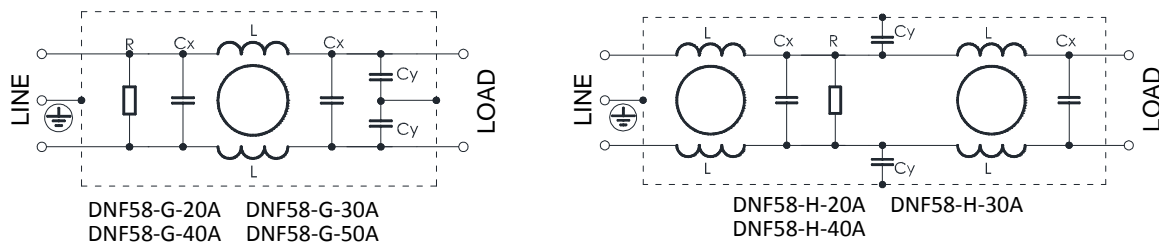
1 Features

- DNF58-H series is two stage filter with excellent insertion losses
- Applicable to the Switching Power Supplies, UPS and other industrial automatic-control equipments
- Customization accepted

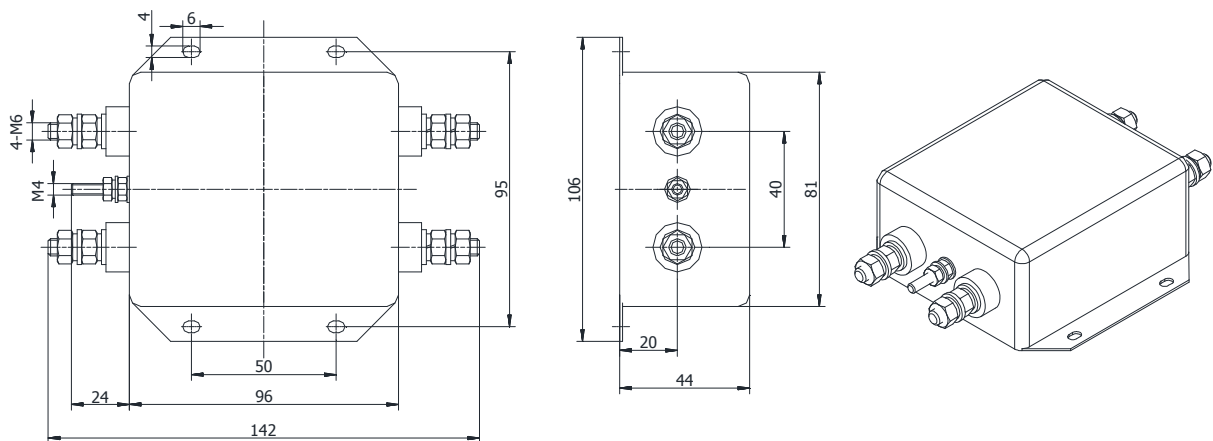
2 Technical Data

Type	Rated Voltage	Rated Current	Hi-Pot Test Voltage		Cx(μF)	Cy(nF)	L(mH)	R(MΩ)	Leakage Current 250V~50Hz
			Line-Line	Line-Ground	±10%	±20%	-30%~+50%	±10%	
DNF58-G-20A	250V-50/60Hz	20A	1800VDC,2s	1800V-50/60Hz,2s	0.69	4.7	1.8	0.68	<1.1mA
DNF58-G-30A	250V-50/60Hz	30A	1800VDC,2s	1800V-50/60Hz,2s	1.0	3.3	1.5	1.0	<0.75mA
DNF58-G-40A	250V-50/60Hz	40A	1800VDC,2s	1800V-50/60Hz,2s	1.0	3.3	0.32	1.0	<0.75mA
DNF58-G-50A	250V-50/60Hz	50A	1800VDC,2s	1800V-50/60Hz,2s	1.0	3.3	0.32	1.0	<0.75mA
DNF58-H-20A	250V-50/60Hz	20A	1800VDC,2s	1800V-50/60Hz,2s	0.22	3.3	0.6	1.0	<0.75mA
DNF58-H-30A	250V-50/60Hz	30A	1800VDC,2s	1800V-50/60Hz,2s	0.22	3.3	0.4	1.0	<0.75mA
DNF58-H-40A	250V-50/60Hz	40A	1800VDC,2s	1800V-50/60Hz,2s	0.22	3.3	0.15	1.0	<0.75mA

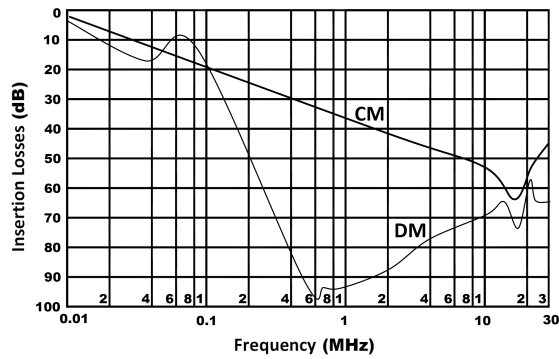
3 Electrical Schematic



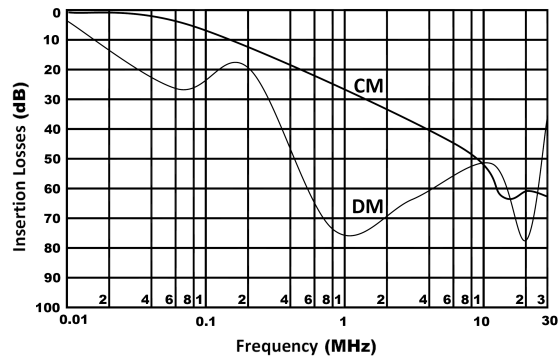
4 Dimensions (Unit:mm)



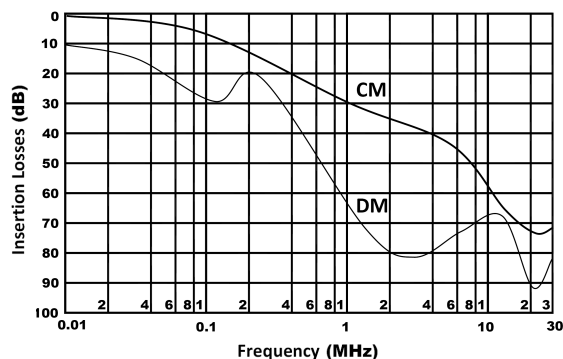
5 Typical Insertion Losses In 50Ω System: (CM-Common Mode DM-Different Mode)



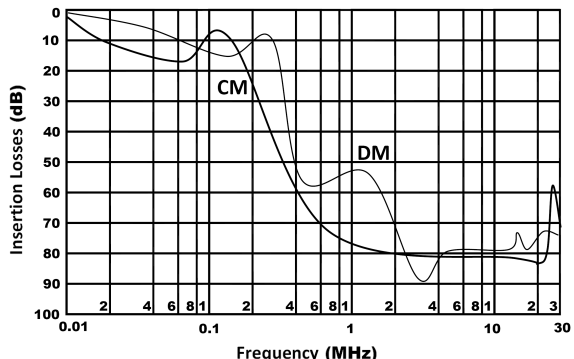
DNF58-G-20A DNF58-G-30A



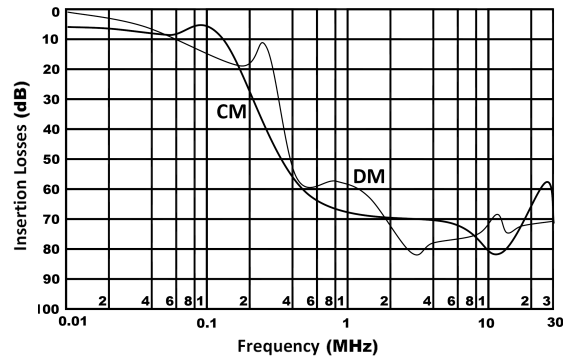
DNF58-G-40A



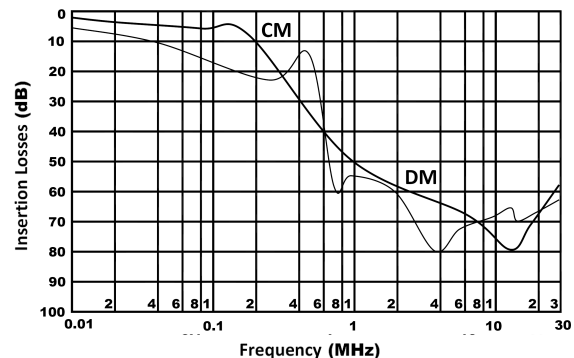
DNF58-G-50A



DNF58-H-20A



DNF58-H-30A



DNF58-H-40A

6 Installation Instructions

- 1) Good electrical connection is needed between filter casing and equipment shell.
- 2) Connecting the filter's input and output according to the provision on the label of LINE and LOAD.
- 3) The input wiring and the output wiring should be strictly separated, cannot be bundled together.