

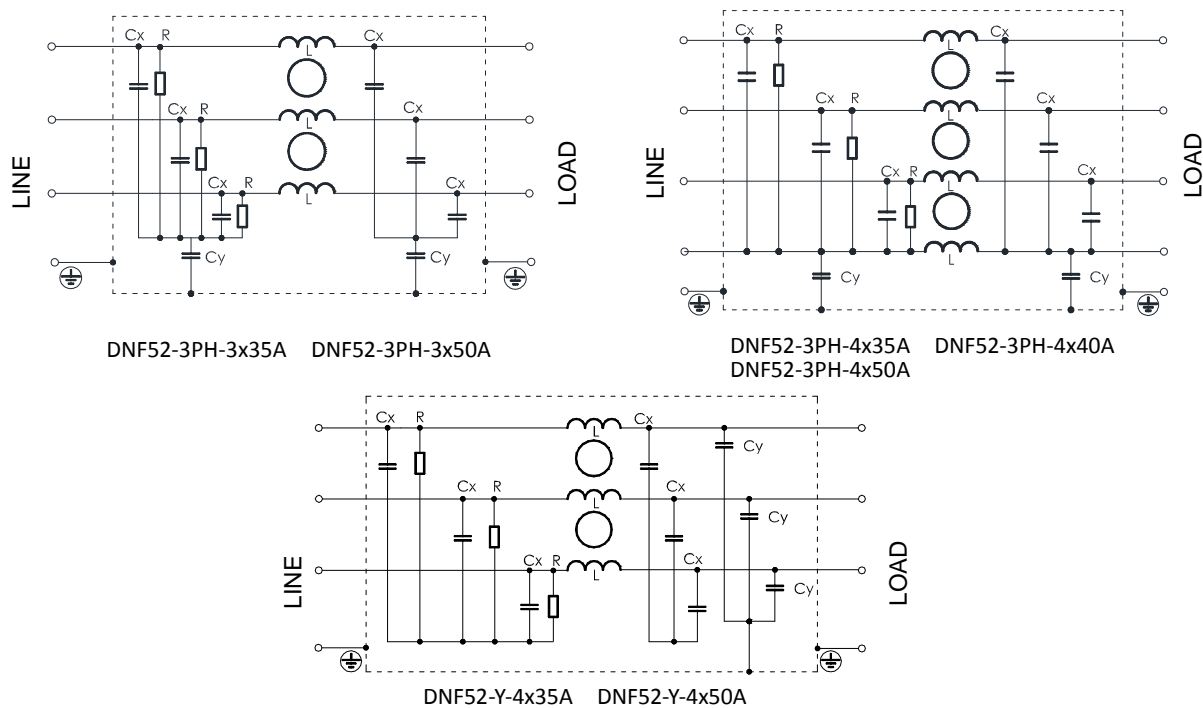
**1 Features**

- High performance
- Excellent characteristics of electromagnetic interference suppression
- Customization accepted

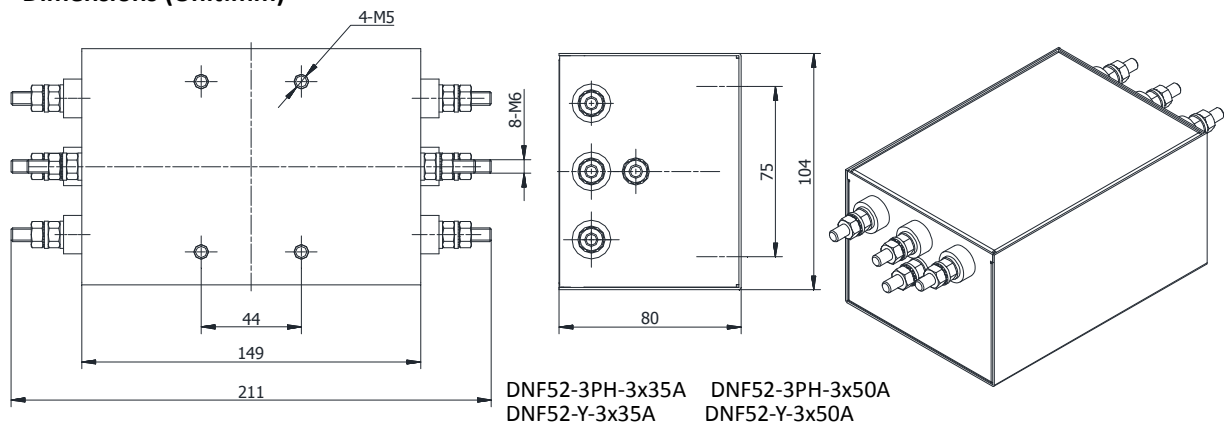
**2 Technical Data**

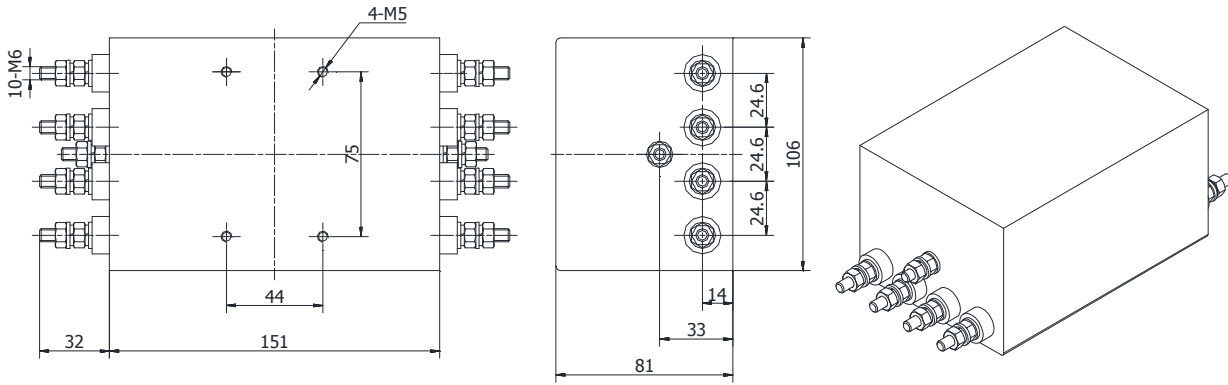
Type	Rated Voltage	Rated Current	Hi-Pot Test Voltage		Cx(μF) ±10%	Cy(nF) ±20%	L(mH) -30%~+50%	R(MΩ) ±10%	Leakage Current 250V~50Hz
			Line-Line	Line-Ground					
DNF52-3PH-3x35A	440V-50/60Hz	35A	1800VDC,2s	2000V-50/60Hz,2s	1.0	10.0	1.3	1.0	<4.0mA
DNF52-3PH-3x50A	440V-50/60Hz	50A	1800VDC,2s	2000V-50/60Hz,2s	1.0	10.0	0.8	1.0	<4.0mA
DNF52-3PH-4x35A	440V-50/60Hz	35A	1800VDC,2s	2000V-50/60Hz,2s	1.0	4.7	1.0	0.68	<6.0mA
DNF52-3PH-4x40A	440V-50/60Hz	40A	1800VDC,2s	2000V-50/60Hz,2s	1.0	4.7	1.0	1.0	<6.0mA
DNF52-3PH-4x50A	440V-50/60Hz	50A	1800VDC,2s	2000V-50/60Hz,2s	1.0	10.0	0.6	1.0	<4.0mA
DNF52-Y-4x35A	440V-50/60Hz	35A	2121VDC,2s	2700V-50/60Hz,2s	1.0	10.0	1.2	1.0	<4.0mA
DNF52-Y-4x50A	440V-50/60Hz	50A	2121VDC,2s	2700V-50/60Hz,2s	1.0	10.0	0.8	1.0	<4.0mA

**3 Electrical Schematic**



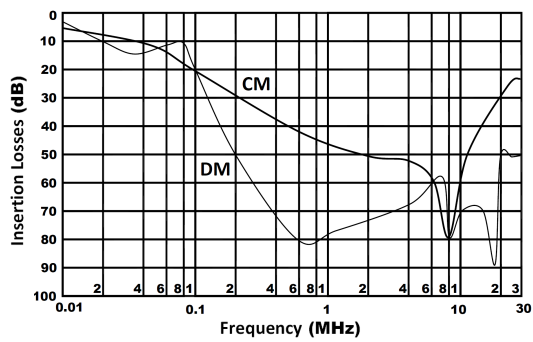
**4 Dimensions (Unit:mm)**



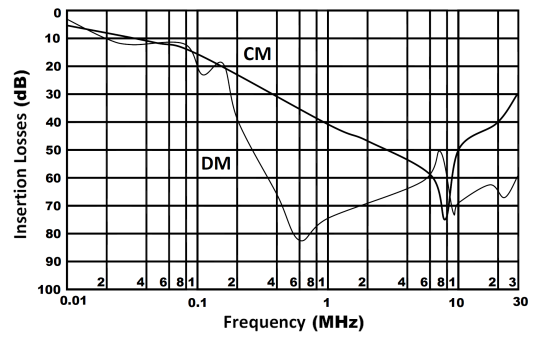


DNF52-3PH-4x35A DNF52-3PH-4x40A DNF52-3PH-4x50A

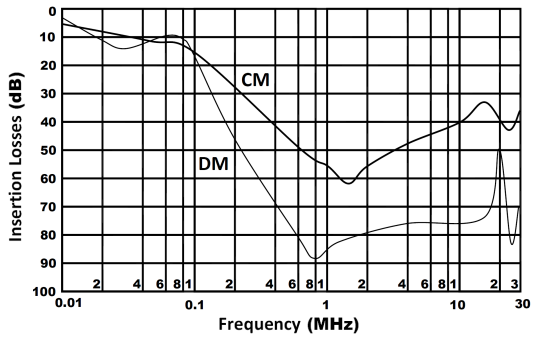
5 Typical Insertion Losses In 50Ω System: (CM-Common Mode DM-Different Mode)



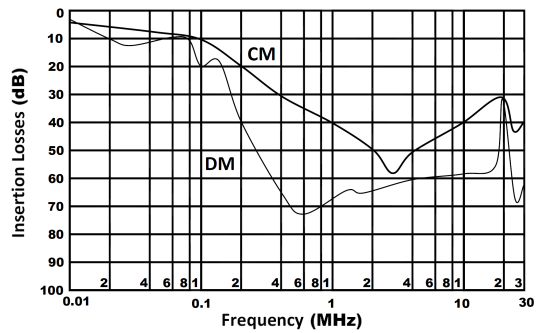
DNF52-3PH-3x35A



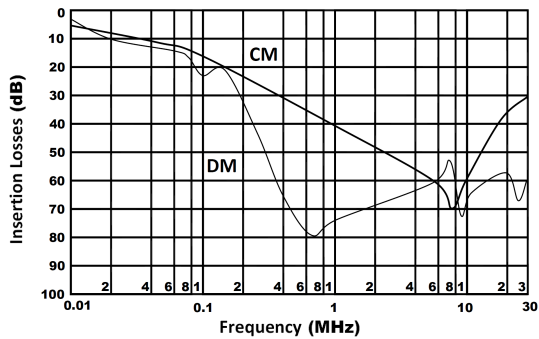
DNF52-3PH-3x50A



DNF52-3PH-4x35A



DNF52-3PH-4x40A DNF52-3PH-4x50A



DNF52-Y-4x35A DNF52-Y-4x50A

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.