

# Chassis-mount Filters

## G/N-Series

For increased requirements

- For applications in switching power supplies with switching frequencies from 20/50 to 150 kHz
- Suitable for frequency converter applications (motor drives etc.)

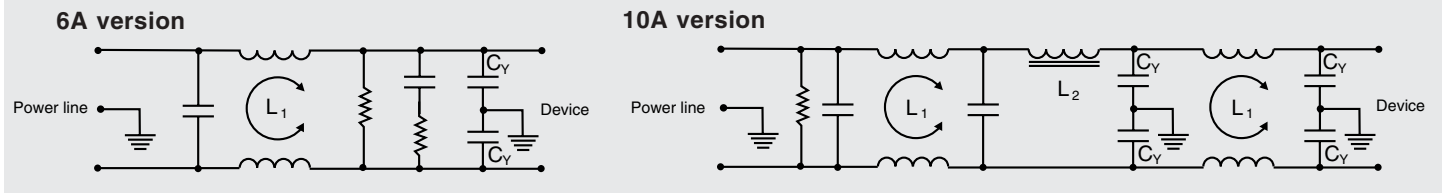


according IEC 950



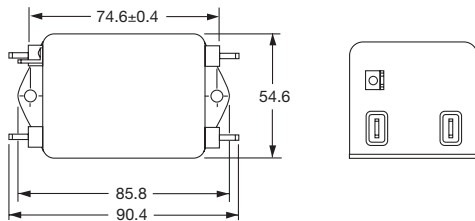
Type	Max.current UL/VDE	Inductance		Capacity		Max. leakage current (line to ground) at 250VAC / 50Hz
		L <sub>1</sub>	L <sub>2</sub>	C <sub>x</sub>	C <sub>y</sub>	
6EG1	6A/5A	2x4,6mH		0,47µF+0,1µF	4nF	0,50mA
6VG1	6A/5A	2x4,0mH		0,47µF+0,1µF	15nF	2,10mA
6VN1	6A/5A	2x5,4mH		0,68µF+0,27µF	15nF	2,10mA
10EG1	10A/8A	2x7,83mH	0,036mH	0,47µF+0,27µF	2+2nF	0,60mA
10VG1	10A/8A	2x7,14mH	0,036mH	0,47µF+0,27µF	10+5,5nF	2,50mA
10VN1	10A/8A	2x7,83mH	0,036mH	0,68µF+0,47µF	10+5,5nF	2,50mA

### Electrical Schematic

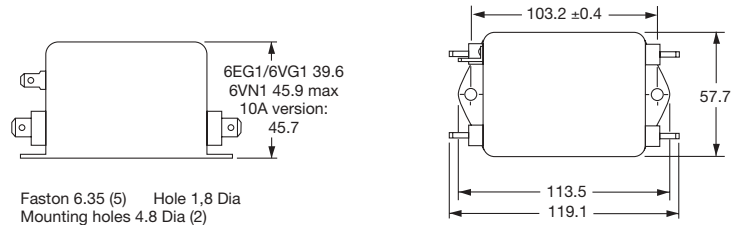


### Case Styles and typ. Sizes

#### 6EG1 / 6VG1 / 6VN1



#### 10EG1 / 10VG1 / 10VN1



### Typ. Insertion Loss

asym. — sym. —

