

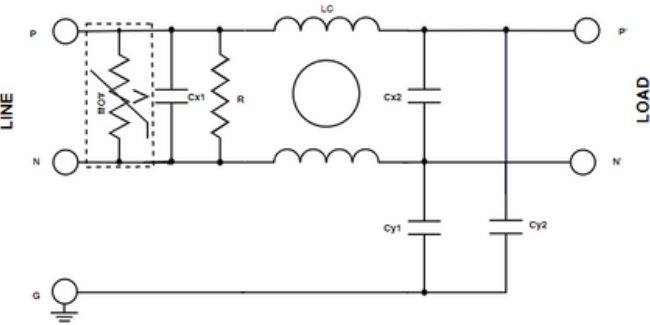
Features

- Standard attenuation performance
- Rated up to 60A
- Filters offer an optimized filter range for high performance AC & DC applications.
- Designed for easy and fast chassis mounting

Applications

- Power Systems
- Electronic Equipment
- Medical equipment
- Electronic data processing equipment

Typical Circuit Diagram





Approvals & Compliances





Technical Specifications

Maximum continuous operating voltage:	250 VAC, 50/60Hz, 250 VDC
Operating Frequency:	DC to 400Hz
Rated Currents:	1A to 60A @40°C
High Potential test voltage:	P to N 1414 VDC for 2 Sec (Except P type) P+N to G 2250VDC for 2 Sec P +N to G 1500VACfor 2 Sec (M Types)
Overload Capability:	x rated current at switch on, rated current for 1 minute, once per hour
Design corresponding to:	UL 60939-3, CSA 22.2 No.8-13 and IEC 60939-1&2
Temperature range:	-25°C to +100°C
Climatic category:	25/100/21
Flammability corresponding to:	UL 94 V-0 or better
Protection category:	IP 20

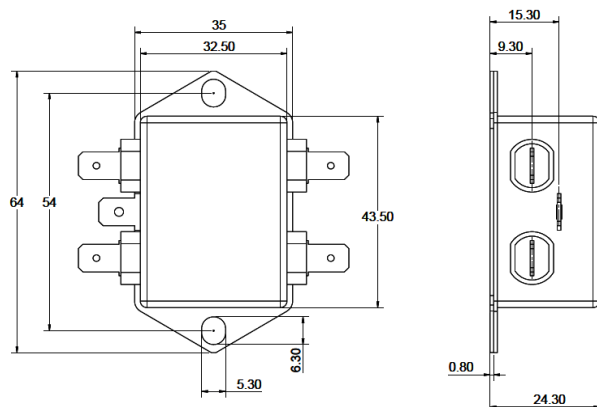
## Selection Table

STANDARD VERSION						
Available Part Numbers	Current Rating @ 40°C (A)	Leakage current @ 250 VAC/50 Hz (mA)	Power loss @ 40°C/ 50Hz (W)	Termination		Weight Approx. (g)
				 6.3 x 0.8		
AMI-10 0-1-1	1		0.8	-1	-	70
AMI-1010-3-1	3	0.37	1.1	-1	-	70
AMI-1010-6-1	6	0.37	1.7	-1	-	70
AMI-1010-10-1	10	0.37	2.5	-1	-	90
AMI-1010-12-1	12	0.37	3.6	-1	-	90
AMI-1010-16-1	16	0.37	2.5	-1	-	150
AMI-1010-20-1	20	0.37	3.8	-1	-	220
AMI-1010-30-M4	30	0.8	6.3	-	M4	480
AMI-1010-60-M6	60	0.8	14.7	-	M6	1200

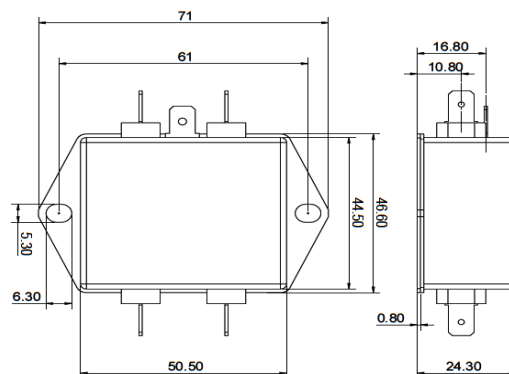
MEDICAL VERSION						
Available Part Numbers	Current Rating @ 40°C (A)	Leakage current @ 250 VAC/50 Hz (mA)	Power loss @ 40°C/ 50Hz (W)	Termination		Weight Approx. (g)
				 6.3 x 0.8		
AMI-10 0B-1-1	1	0	0.8	-1	-	70
AMI-1010B-3-1	3	0	1.1	-1	-	70
AMI-1010B-6-1	6	0	1.7	-1	-	70
AMI-1010B-10-1	10	0	2.5	-1	-	90
AMI-1010B-12-1	12	0	3.6	-1	-	90
AMI-1010B-16-1	16	0	2.5	-1	-	150
AMI-1010B-20-1	20	0	3.8	-1	-	220
AMI-1010B-30-M4	30	0	6.3	-	M4	480
AMI-1010B-60-M6	60	0	14.7	-	M6	1200

## Mechanical Drawing

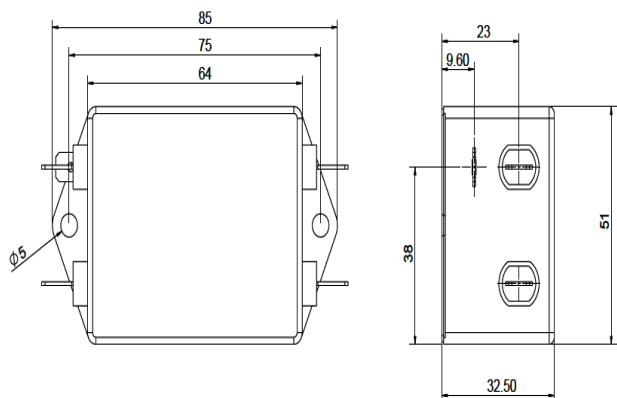
**Connection style -1, 1A to 12A types**



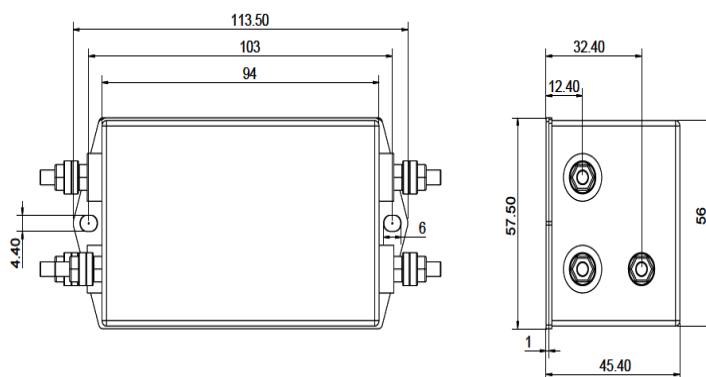
**Connection style -1, 3A to 16A types**



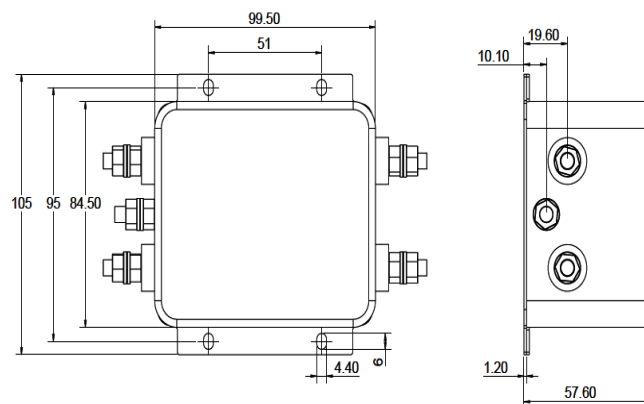
**Connection style -1, 20A types**



**Connection style -1, 30A types**



**Connection style -6, 60A types**

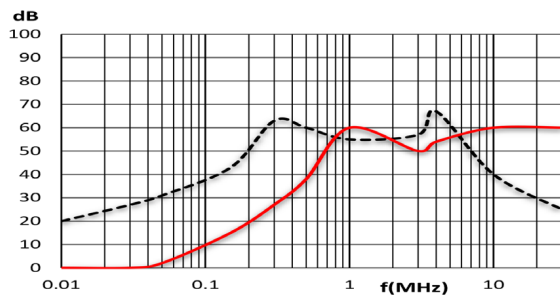


## Typical Insertion Loss

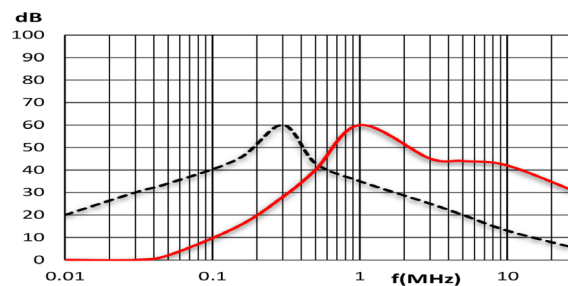
According to CISPR17 in 50  $\Omega$  system

— Common Mode / Asymmetrical (L-G)  
— Differential Mode / Symmetrical (L-L)

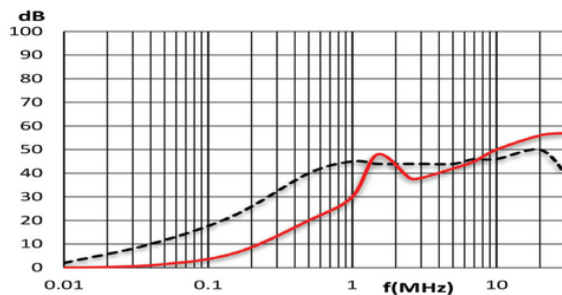
**1A Standard Version**



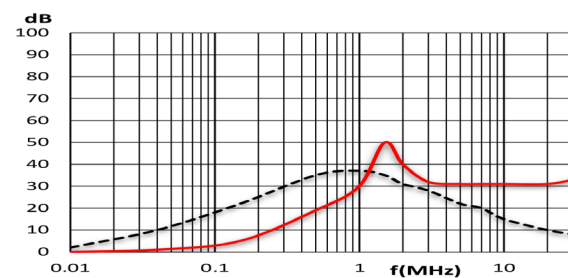
**1A Medical Version**



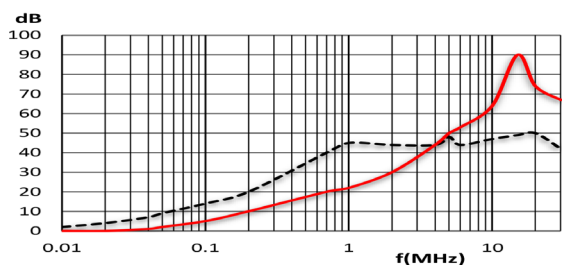
**3A Standard Version**



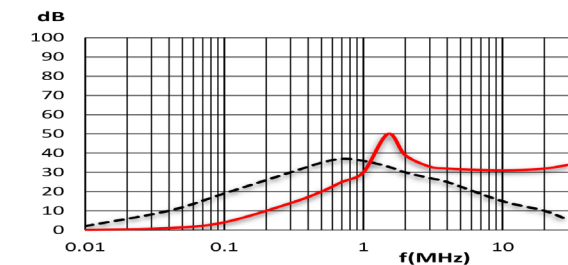
**3A Medical Version**



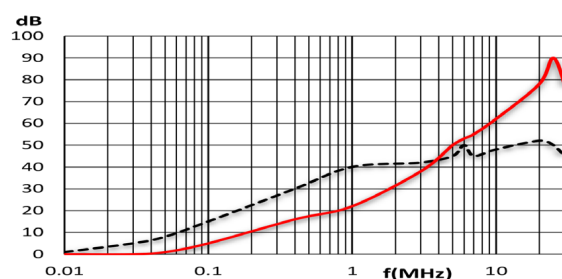
**6A Standard Version**



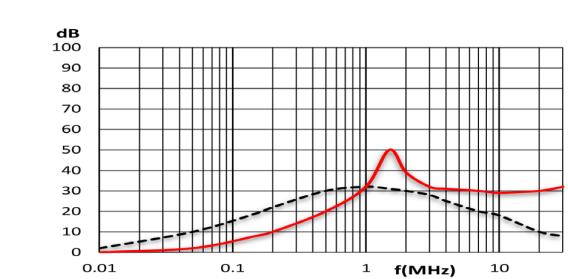
**6A Medical Version**



**10A Standard Version**

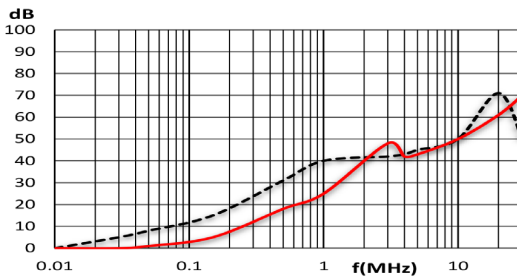


**10A Medical Version**

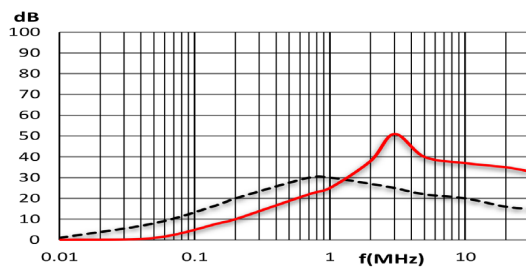




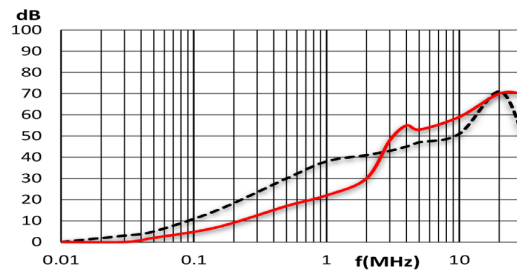
**12A Standard Version**



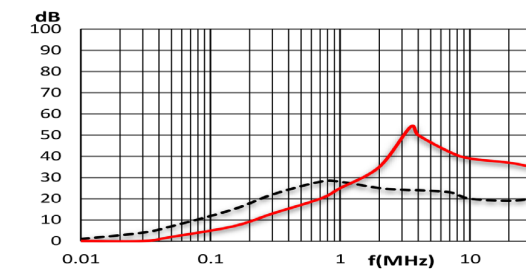
**12A Medical Version**



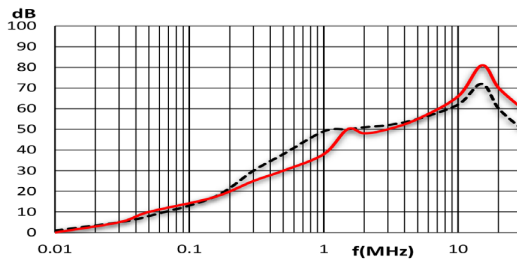
**16A Standard Version**



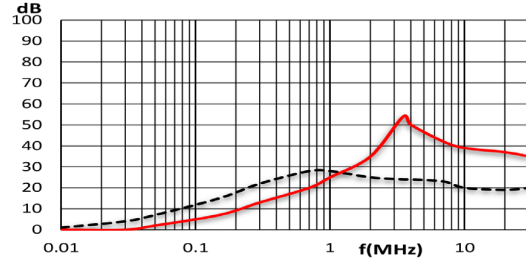
**16A Medical Version**



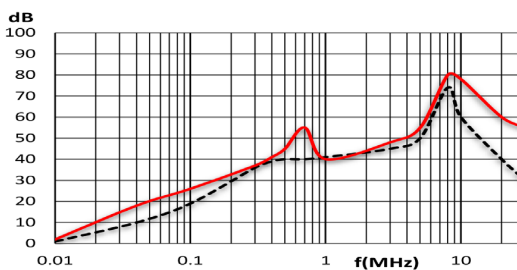
**20A Standard Version**



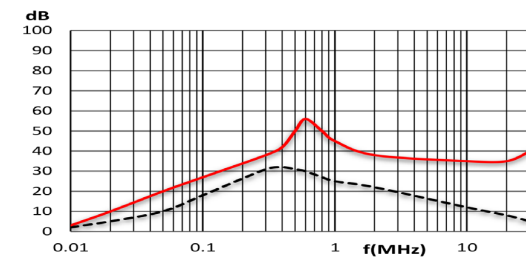
**20A Medical Version**



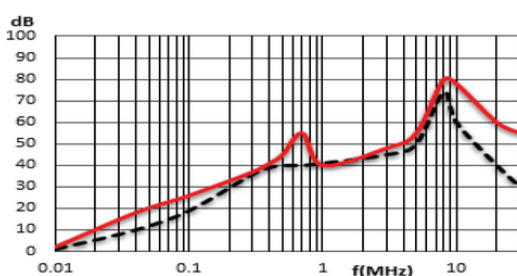
**30A Standard Version**



**30A Medical Version**



**60A Standard Version**



**60A Medical Version**

