

8006 - Power line filters for ground wire

Just like power lines, ground wires connect the entire facility together. All human-reachable surfaces of electrical equipment must be at ground potential for safety reason. While safety practices are always a good idea, a side effect of such connection is that if one piece of equipment injects noise into ground for whatever reason (miswiring, improper design, poor maintenance, etc.), this noise propagates throughout the facility and enters other equipment. Ground filters are capable of reducing this noise while maintaining all safety practices.

If you are concerned about noise in your environment, ground filter is a good way to mitigate the problem.

Stages of filter



8006 series Power line filters for ground wire

Advantages

- Suitable for use under extreme conditions (military applications)
- Wear resistant
- Insensitive for corrosion

Applications

- S3 rooms
- Shielded room
- Shielded cabinet
- Anechoic chamber

Features

- Rated Voltage: 250VAC, 500VDC
- Operating Frequency: 0-60Hz
- Voltage drop: Less than 1V @ unity power factor.

Product range

Type	IR (A)	Outline drawing	Shielding Effectiveness (dB)
8006-16	16	1	100dB, 14k-40GHz
8006-32	32		
8006-63	63		
8006-100	100	2	
8006-150	150		
8006-200	200		
8006-250	250		

Dimensional Diagrams

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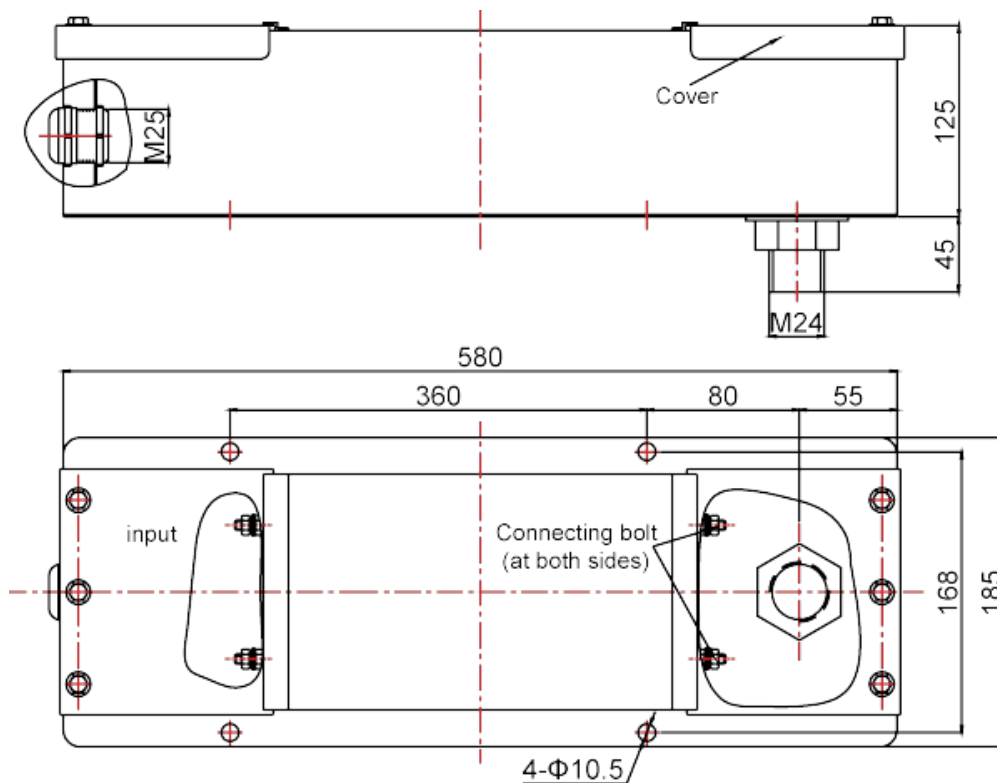


Diagram 1

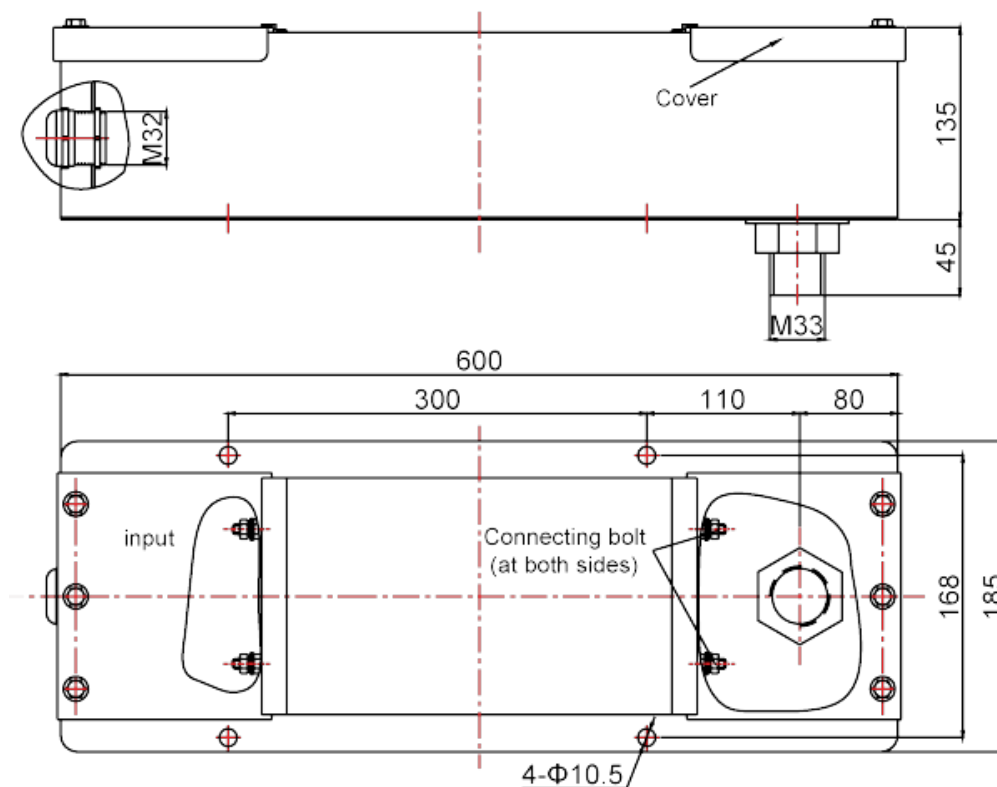


Diagram 2

8006 - Power line filters for ground wire

Partnumber / Ordercode:

8006	..	XXX
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Series	Rated current (A)
8006	Select an option:
	16 : 16 ampere
	32 : 32 ampere
	63 : 63 ampere
	100 : 100 ampere
	150 : 150 ampere
	200 : 200 ampere
	250 : 250 ampere

Sample of Partnumber:

8006	..	32
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* **Note:** The red blocks are required