

082/082M General Purpose and Medical Type Filtered Power Entry Modules With Fuse Holder and Switch



082 Series

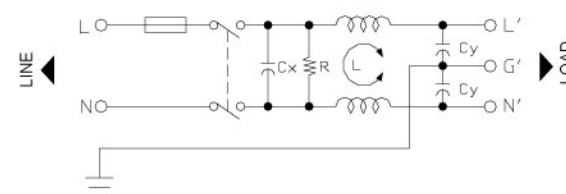
General Purpose Filtered Power Entry Modules with Fuse Holder and Switch
Fuse Size 5×20mm Not Included

Features

Compact Integrated power entry module with safety fuse and on/off switch.
Easy to use and install with faston tabs or solder terminals.

Typical Applications

Compact design electronic equipment, PC, printers, plotters etc.,



082 - Electrical Schematic

082M Series

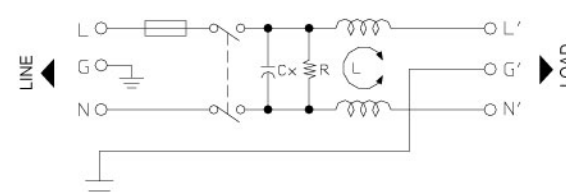
Low Leakage Current Medical Type Filtered Power Entry Modules with Fuse Holder and Switch
Fuse Size 5×20mm Not Included

Features

Low leakage current, compact Integrated power entry module with safety fuse and on/off switch. Easy to use and install with faston tabs or solder terminals.

Typical Applications

Medical type or low leakage current requirements, compact design electronic equipment.



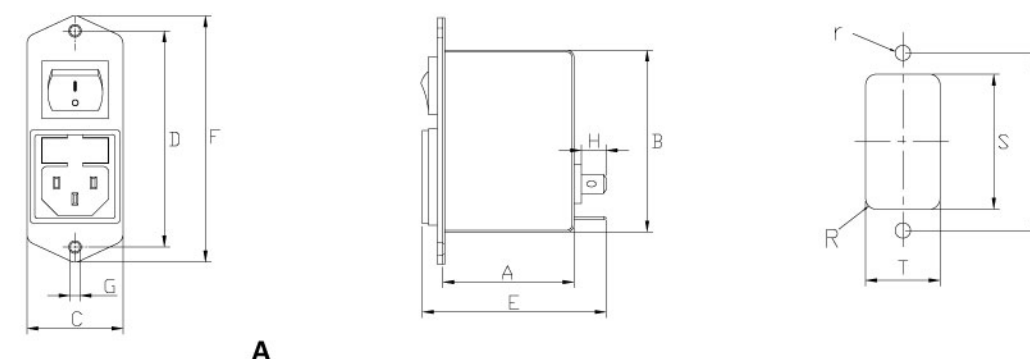
082M - Electrical Schematic

Technical Data

Rated Voltage Max. (V)	250VAC	Leakage Current 082 Series	
Rated Current (A)	1 - 10A @ 40°C	@ 250 VAC 50 Hz	0.42 mA Max.
Operating Frequency (Hz)	50 / 60Hz	@ 115 VAC 60 Hz	0.23 mA Max.
Hipot Rating		Leakage Current 082M Series	
Line to Line	1450V DC	@ 250 VAC 50 Hz	10µA Max.
Line to Ground	2250V DC	@ 115 VAC 60 Hz	5µA Max.
Case	Plated steel	IP Standard	51-52
Packaging Quantity	90 Pcs per carton	Climatic category	25 / 85 / 21

082 Model No.	082M Model No.	Rated Current @ 40°C	Mechanical Diagram	Unit Weight (g)	Terminal Options	
					In	Out
082.00101.00	082M.00101.00	1.0	A	92.0	IEC Inlet Socket	Faston 6.35*0.8
082.00301.00	082M.00301.00	3.0	A	93.0	IEC Inlet Socket	Faston 6.35*0.8
082.00601.00	082M.00601.00	6.0	A	94.0	IEC Inlet Socket	Faston 6.35*0.8
082.01001.00	082M.01001.00	10.0	A	100.0	IEC Inlet Socket	Faston 6.35*0.8

082 / 082M Mechanical Outlines



082 / 082M Mechanical Dimensions (mm) For reference only

Model No.	Model No.	A	B	C	D	E	F	G	H	R	S	T	U	r
082.00101.00	082M.00101.00	43.7	60.6	32.0	72.0	61.0	82.0	2*Φ4.0	8.8	2.5	61.0	30.0	72.0	2.1
082.00301.00	082M.00301.00	43.7	60.6	32.0	72.0	61.0	82.0	2*Φ4.0	8.8	2.5	61.0	30.0	72.0	2.1
082.00601.00	082M.00601.00	43.7	60.6	32.0	72.0	61.0	82.0	2*Φ4.0	8.8	2.5	61.0	30.0	72.0	2.1
082.01001.00	082M.01001.00	43.7	60.6	32.0	72.0	61.0	82.0	2*Φ4.0	8.8	2.5	61.0	30.0	72.0	2.1

All dimensions in mm, 1 inch=25.4 mm

Insertion Loss in dB Measured in a 50Ω System

Model No.	Common Mode IL (Frequencies in MHz)								Model No.	Common Mode IL (Frequencies in MHz)							
	0.05	0.1	0.15	0.5	1.0	5.0	10.0	30.0		0.05	0.1	0.15	0.5	1.0	5.0	10.0	30.0
082.00101.00	32.0	38.0	41.0	53.0	56.0	55.0	55.0	50.0	082M.00101.00	32.0	38.0	41.0	49.0	51.0	33.0	27.0	17.0
082.00301.00	28.0	34.0	37.0	49.0	51.0	52.0	50.0	50.0	082M.00301.00	28.0	34.0	37.0	45.0	43.0	29.0	23.0	15.0
082.00601.00	16.0	22.0	25.0	35.0	38.0	48.0	48.0	45.0	082M.00601.00	16.0	22.0	25.0	31.0	33.0	29.0	23.0	15.0
082.01001.00	10.0	16.0	18.0	26.0	28.0	42.0	42.0	40.0	082M.01001.00	10.0	16.0	18.0	24.0	26.0	16.0	10.0	8.0

Model No.	Differential Mode IL (Frequencies in MHz)								Model No.	Differential Mode IL (Frequencies in MHz)							
	0.05	0.1	0.15	0.5	1.0	5.0	10.0	30.0		0.05	0.1	0.15	0.5	1.0	5.0	10.0	30.0
082 Series	12.0	14.0	18.0	28.0	32.0	55.0	50.0	50.0	082M Series	12.0	14.0	18.0	28.0	32.0	55.0	50.0	50.0

- Line to ground capacitors are available up to 4,700 pF.
- Other specifications, requirements and customizations can be offered upon request.

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