

PEMA Series CHASSIS MOUNT, MULTI-STAGE EMI/RFI APPLIANCE FILTER



CE

FEATURES

The PEMA series offers high performance EMI filters. This series offers multiple stages of filtration over a frequency range of 10KHz to 30MHz. It is best suited for suppression of noise and transients entering system from Line. The series also offers filters that offer exceptional performance in the systems where the Load impedance is low.

APPLICATIONS

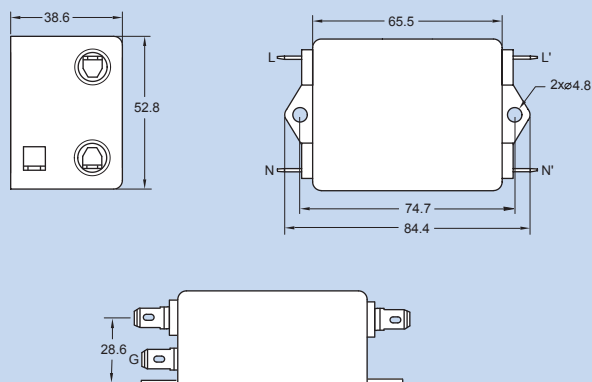
Major Appliances, Measuring & control equipment, Switching power supplies.

TECHNICAL DATA

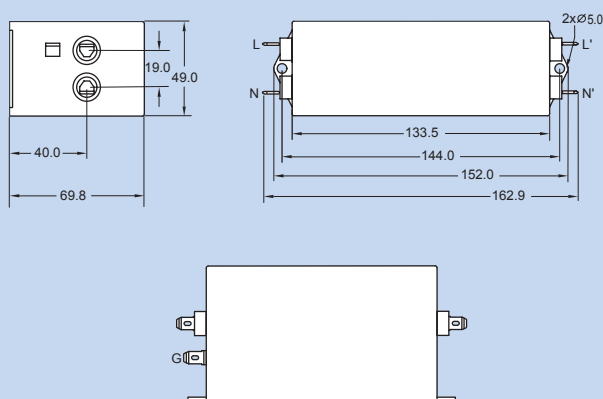
- Rated Voltage: 115/250VAC
- Rated Current: 4A, 5A, 6A, 8A, 10A, 15A
- Power Line Frequency: 50/60Hz
- Max. Leakage Current each
Line to Ground:
 - @ 115VAC 60Hz: 0.5mA
 - @ 250VAC 50Hz: 1.0mA
- Hipot Rating (one minute)
 - Line to Ground: 2250VDC
 - Line to Line: 1450VDC
- Temperature Range: -25C to +85C

MECHANICAL DIMENSIONS (Unit: mm)

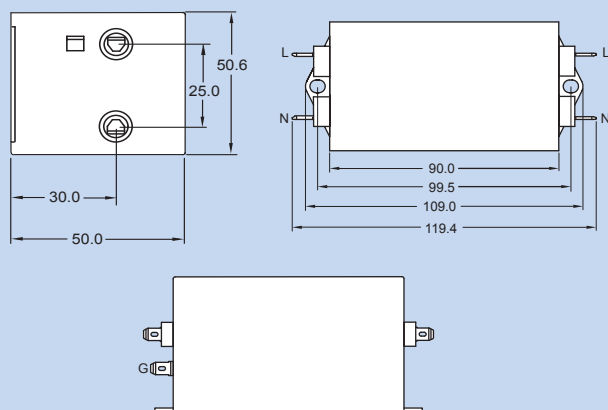
C2



C4



C9



Specifications subject to change without notice. Dimensions (mm).

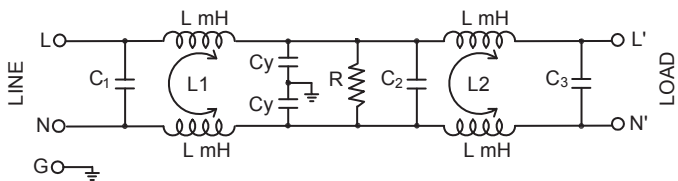
PEMA Series

Non-Medical Applications

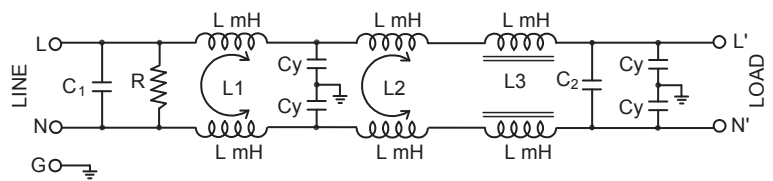
Insertion loss in dB (50 Ohm circuit)

PDI P/N	Current Rating (A)	R (Ohms)	Cx 1,2,3 (uF)	Cy (pF)	L 1,2,3 (mH x 2)	Comm. Mode (L-G) in MHz					Diff. Mode (L-L) in MHz						
						.15	.5	1	5	10	30	.15	.5	1	5	10	30
PEMA04Q-1-AC2	4	330K	1.4	9400	24	80	94	82	67	60	43	59	77	76	74	52	18
PEMA06Q-1-BC2	6		2.04	9400	22	86	65	59	48	38	26	66	77	76	51	18	26
PEMA06Q-1-CC2	6		1.68	9400	22	78	86	81	67	60	32	73	79	76	80	49	22
PEMA05Q-2-AC2	5		0.66	5080	13	51	76	89	72	60	39	41	48	53	54	54	25
PEMA08Q-4-AC2	8		1.15	7960	5	41	78	76	76	60	42	84	83	79	73	47	24
PEMA06Q-1-AC9	6		6.6	6600	44	62	49	46	45	40	40	90	84	80	65	38	28
PEMA06Q-4-AC9	6		3.2	7960	24	49	75	89	68	56	39	86	89	95	68	46	24
PEMA10Q-2-AC4	10		6.6	7960	21	83	85	97	64	53	33	81	88	103	58	37	26
PEMA06Q-3-AC4	6		8.8	7960	45	84	84	93	64	52	32	89	88	100	60	39	27
PEMA06Q-4-AC4	6		1.15	7960	8.5	58	78	76	66	53	42	86	85	79	62	38	29
PEMA06Q-4-AC4	6		3.2	7960	24	49	76	88	69	57	40	85	87	96	69	45	29
PEMA15Q-4-AC4	15		3.2	7960	6	49	87	81	63	51	33	81	87	95	58	38	26
PEMA10Q-5-AC4	10		50K	3.67	9400	20.6	85	91	84	72	62	50	88	89	86	75	52

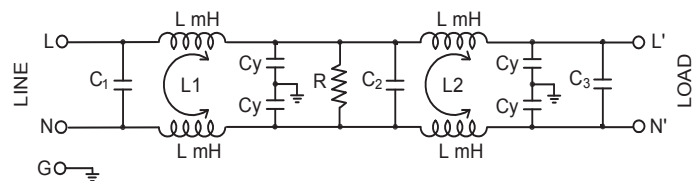
SCHEMATIC 1



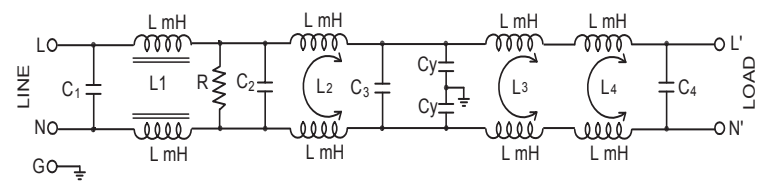
SCHEMATIC 4



SCHEMATIC 2



SCHEMATIC 5



SCHEMATIC 3

