

HGN-368 IEC 60320 INLET SOCKET WITH SWITCH, FLANGE MOUNT



FEATURES

The HGN-368 series power entry module features an IEC Connector with an integral switch. The filter is designed for applications where Common Mode and Differential Mode noise must be controlled. Fully enclosed metal housing prevents input of high frequency noise and protects ultra-sensitive equipment.

These filters are also available for Medical equipment with low leakage current to comply with UL544 & 2601.

APPLICATIONS

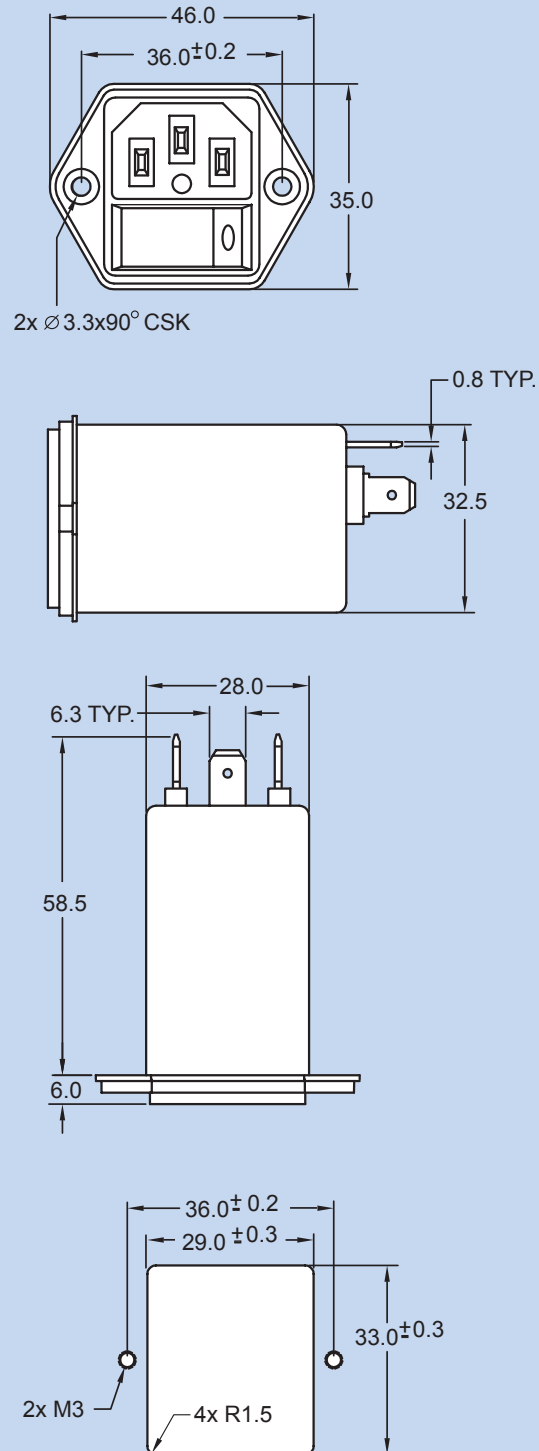
Computer & networking equipment, Measuring & control equipment, Data processing equipment, laboratory instruments, Switching power supplies, other electronic equipment.

TECHNICAL DATA

- Rated Voltage: 115/250VAC
- Rated Current: 1A, 2A, 4A, 6A,
- Power Line Frequency: 50/60Hz
- Max. Leakage Current each Line to Ground:
 - @ 250VAC 50Hz: 0.5mA, max
 - @ 250VAC 50Hz: 2 μ A*, max
- Hipot Rating (one minute)
 - Line to Ground: 2250VDC
 - Line to Line: 1450VDC
- Temperature Range: -25C to +85C

* Medical application

MECHANICAL DIMENSIONS (Unit: mm)



Specifications subject to change without notice. Dimensions (mm). See Appendix A for recommended power cord. See PDI full line catalog for detailed specifications on power cords.

HGN-368 Series Example & Ordering Code

HGN-368 - **1** - **M** - **F1**

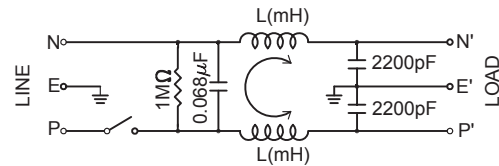
CURRENT RATING (A):		= 1
		= 2
		= 4
		= 6
	SCHEMATIC:	
STANDARD TYPE		= M
WITHOUT C(Y); C(X) ONLY		
TERMINAL:		QUICK CONNECT (6.3 x 0.8) = F1
		SOLDER = F2

Attenuation Tables & Schematics

Non-Medical Applications

Insertion loss in dB (50 Ohm circuit)

Current Rating	L Value	Comm. Mode(L-G) MHz										Diff. mode(L-L) MHz									
		.01	.05	.1	.15	.5	1	5	10	30	.01	.05	.1	.15	.5	1	5	10	30		
1A	10.3mA	11	21	29	32	49	60	58	70	30	2	5	6	5	43	67	82	70	39		
2A	4.6mA	12	24	30	35	50	58	58	70	40	3	8	10	10	35	60	83	78	38		
4A	1.2mA	3	10	19	21	32	40	60	50	38	2	5	9	11	9	40	81	73	39		
6A	0.8mA	4	10	18	20	30	35	49	60	33	10	12	15	13	9	40	75	75	60		



Medical Applications

Insertion loss in dB (50 Ohm circuit)

Current Rating	L Value	Comm. Mode(L-G) MHz										Diff. mode(L-L) MHz									
		.01	.05	.1	.15	.5	1	5	10	30	.01	.05	.1	.15	.5	1	5	10	30		
1A	10.3mA	23	32	38	41	51	47	36	31	22	3	5	5	4	50	69	81	74	34		
2A	4.6mA	18	30	35	36	41	42	37	30	21	2	5	5	8	48	69	82	73	35		
4A	1.2mA	10	17	20	22	30	33	33	30	22	5	8	8	7	9	48	82	78	45		
6A	0.8mA	8	13	17	19	26	28	29	29	24	8	13	11	8	9	41	83	80	62		

