

HGN-337

IEC 60320 INLET SOCKET WITH SWITCH AND A FUSE HOLDER,
SNAP-IN MOUNT



FEATURES

The HGN-337 power entry module feature a combination IEC Connector, two pole on/off switch and fuse holder that accepts both European 5 x 20mm or N. American 1/4" x 1 1/4" (3AG) fuse. The HGN-337 protects electronic equipment from common-mode and differential-mode interferences.

These filters are also available for Medical equipment with low leakage current to comply with UL 544 & UL2601.

APPLICATIONS

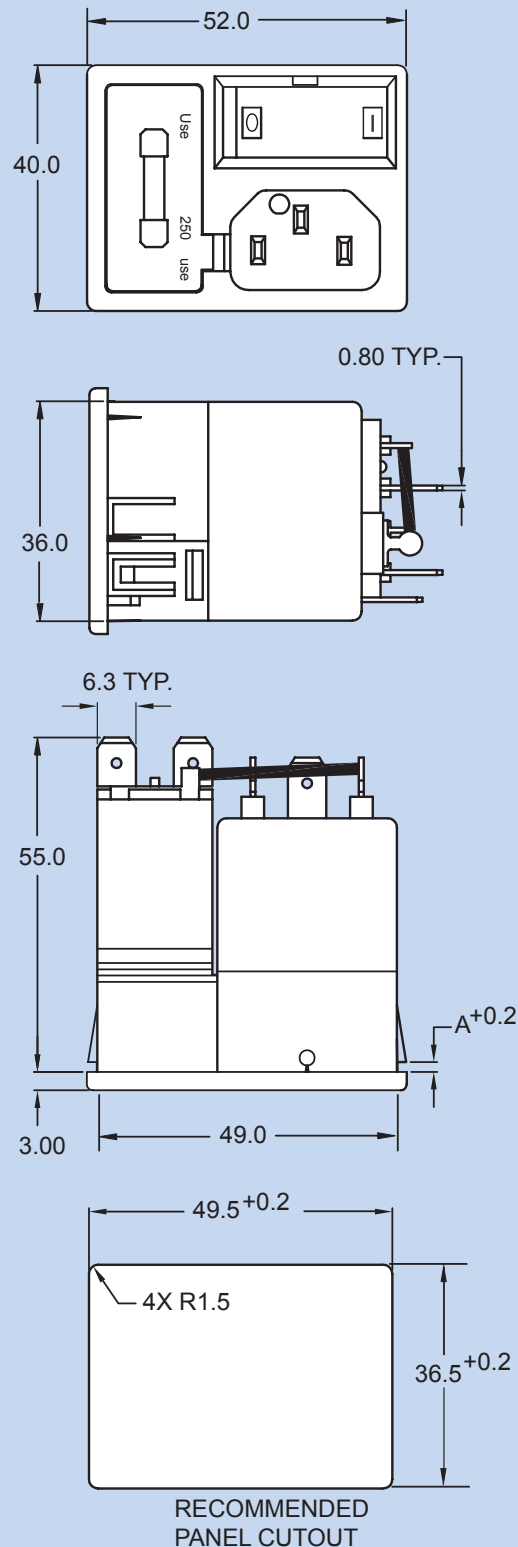
Computer & networking equipment, Measuring & control equipment, Data processing equipment, laboratory instruments, Switching power supplies, other electronic equipment.

TECHNICAL DATA

- Rated Voltage: 125/250VAC
- Rated Current: 1A, 2A, 3A, 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-337 Series Example & Ordering Code

HGN-337 - 1 M - F - 150

CURRENT RATING (A):		= 1
		= 2
		= 3
		= 4
		= 6
		
SCHEMATIC:		= BLANK
STANDARD TYPE		= M
WITHOUT C(Y); C(X) ONLY		
TERMINAL:		= F
QUICK CONNECT (6.3 x 0.8)		
PANEL THICKNESS*:		
		0.06 (1.5MM) = 150
		0.062 (1.6MM) = 160
		0.08 (2.0MM) = 200

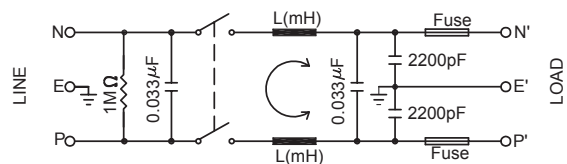
* More panel thickness options are available upon request

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	.15	.5	1	5	10	30	.01	.05	.15	.5	1	5	10	30
1A	10.3mA	18	30	40	57	50	50	64	29	9	13	13	45	65	70	60	30
2A	4.6mA	11	25	35	49	49	70	60	30	10	14	16	40	60	70	60	30
3A	2.5mA	5	20	30	41	48	54	60	34	10	14	18	30	55	70	61	34
4A	1.2mA	5	12	21	35	40	50	70	32	9	14	19	20	45	70	60	32
6A	0.8mA	2	10	20	30	34	45	55	35	9	14	19	19	40	70	60	35



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	.15	.5	1	5	10	30	.01	.05	.15	.5	1	5	10	30
1A	10.3mA	22	32	41	51	48	37	31	22	9	11	15	50	67	82	71	37
2A	4.6mA	18	30	38	40	42	36	30	21	9	11	11	42	67	82	75	38
3A	2.5mA	18	28	33	38	38	30	23	18	9	15	14	38	55	82	76	35
4A	1.2mA	10	18	23	30	32	32	30	22	9	13	19	19	44	82	79	40
6A	0.8mA	8	13	19	27	29	29	29	25	9	18	21	19	47	84	82	50

