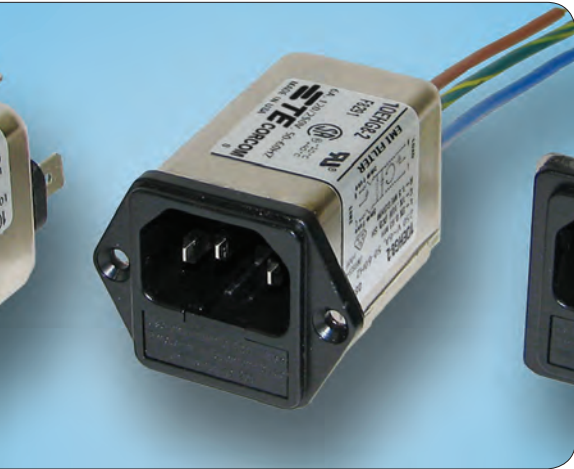


Introducing Corcom GG Series 10A & Wire Leaded Options

The Corcom GG Series of power entry modules series has been expanded to include a 10A current rating for all versions and a 5" wire lead option for the HG medical versions. The GG series of power entry modules combine the functions of a general purpose RFI filter with an IEC power cord connector and single or dual metric fusing. The HG models are designed for medical applications with reduced line-to-ground capacitance to meet patient care equipment requirements.



KEY FEATURES

- Filtered medical and general purpose power entry modules
- 5" wire leads now available for filtered medical models
- up to 10A max ratings now available for all models
- Compact size
- Single or dual metric fuse
- Rated to 250 VAC
- UL Recognized, CSA Certified and VDE Approved
- RoHS Compliant

APPLICATIONS

- Communication Equipment
- Instrumentation
- Medical Equipment
- Computers
- Consumer Electronics
- Portable Electronic Devices
- Light Industrial
- Vending
- Exercise Equipment

STANDARDS AND SPECIFICATIONS

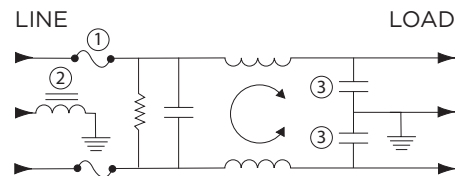
- UL Recognized
- CSA Certified
- VDE Approved



ELECTRICAL SPECIFICATIONS

		HG Models	GG Models
Maximum leakage current each Line to Ground:	@120 VAC 60 Hz:	2 μ A	.25 mA
	@ 250 VAC 50 Hz:	5 μ A	.42 mA
Hipot rating (one minute):	Line to Ground:	2250 VDC	
	Line to Line:	1450 VDC	
Rated Voltage (max.):		250 VAC	
Operating Frequency:		50/60 Hz	
Rated Current:		1 to 10A	
Required Fuse(s):		5 x 20 mm (not included)	

ELECTRICAL SCHEMATICS



Note 1: Second fuse only in -2 version
 Note 2: C versions only
 Note 3: not present in HG versions

PRODUCT OFFERING

Snap-in	Flange mount	Flange mount with wire leads	
1609117-7: 10EGS1-1	3-1609115-4: 10EGG1-1	3-1609115-5: 10EGG8-1	1-1609117-4: 1EHG8-2
1609117-8: 10EGS1-2	3-1609115-3: 10EGG1-2	3-1609115-6: 10EGG8-2	1-1609117-5: 3EHG8-2
1609116-6: 10EHGS1-2	6609116-4: 10EHG1-2	6609116-5: 10EHG8-2	1-1609117-6: 6EHG8-2

ORDERING INFORMATION

10 E GG 1 C-2

Metric Fuse Holders

- 1 - Single
- 2 - Double

Ground Circuit Inductor

Omit if none

Output Styles

- 1 - .250 [6.3] spade terminals
- 8 - Wire leads

Filter Type & Mounting

- GG - General purpose filter, flange mount
- HG - Medical filter, flange mount
- GS - General purpose filter, snap-in mount
- HGS - Medical filter, snap-in mount

Leakage current designation

E - Low leakage (<0.5 mA)

Current Rating

- 1, 3, 6 or 10A

PERFORMANCE DATA

Minimum Insertion Loss - Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

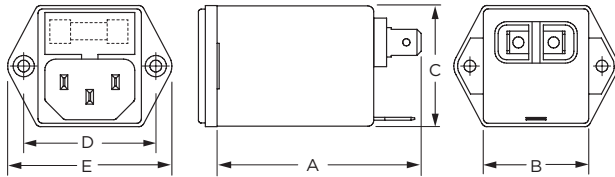
Part No.	Frequency — MHz								
	.01	.05	.10	.15	.5	1	5	10	30
10A GG& GS	-	1	2	4	6	8	26	33	28
10A HG	1	-	-	3	5	6	8	9	10

Differential Mode / Asymmetrical (Line to Line)

Part No.	Frequency — MHz							
	.10	.15	.5	1	3	5	10	30
10A GG& GS	4	7	17	23	-	22	43	38
10A HG	-	8	16	22	-	37	43	28

CASE STYLES

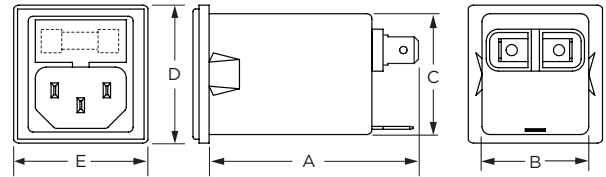
GG1, GG1C & HG1



Typical Dimensions:

Mounting Holes (2): .132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw
 Line Inlet (1): IEC 60320-1 C14
 Load terminals (2): .250 [6.3] with .07 [1.8] Dia. hole
 Ground terminal (1): .250 [6.3] with .07 x .16 [1.8x 3.8] slot

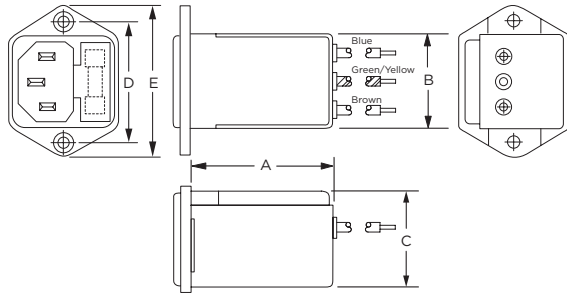
GS1 & HGS1



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14
 Load terminals (2): .250 [6.3] with .07 [1.8] Dia. hole
 Ground terminal (1): .250 [6.3] with .07 x .16 [1.8x 3.8] slot

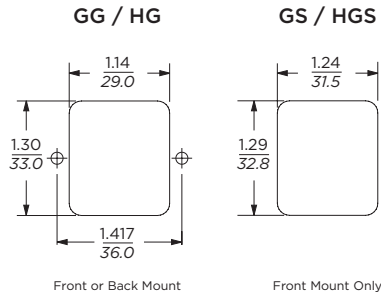
GG8 & HG8



Typical Dimensions:

Mounting Holes (2): .132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw
 Line Inlet (1): IEC 60320-1 C14
 Wire Leads: 4.0 [101.6] Min., 18AWG, UL1015

Recommended Panel Cutout



Typical Dimensions

GS / HGS panel thickness: 0.032 - 0.080 [0.81 - 2.03]
 Corner radius: 0.138 [0.35]

CASE DIMENSIONS

Part No.	A (max)	B (max)	C (max)	D ±0.015 ±0.38	F (max)
GG1, HG1	2.13	1.13	1.29	1.417	1.76
	54.5	28.7	32.8	36.0	44.7
GG1C	2.45	1.13	1.28	1.417	1.76
	62.23	28.7	32.5	36.0	44.7
GS1, HGS1	2.13	1.13	1.28	1.46*	1.42
	54.0	28.7	32.5	36.0*	36.1
GG8, HG8	2.02	1.13	1.29	1.417	1.76
	51.1	28.7	32.85	36.0	44.7

* max. dimension

FOR MORE INFORMATION

corcom.com

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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

te.com

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