

Power Entry Module with Switch

C Series



UL Recognized
CSA Certified
VDE Approved*

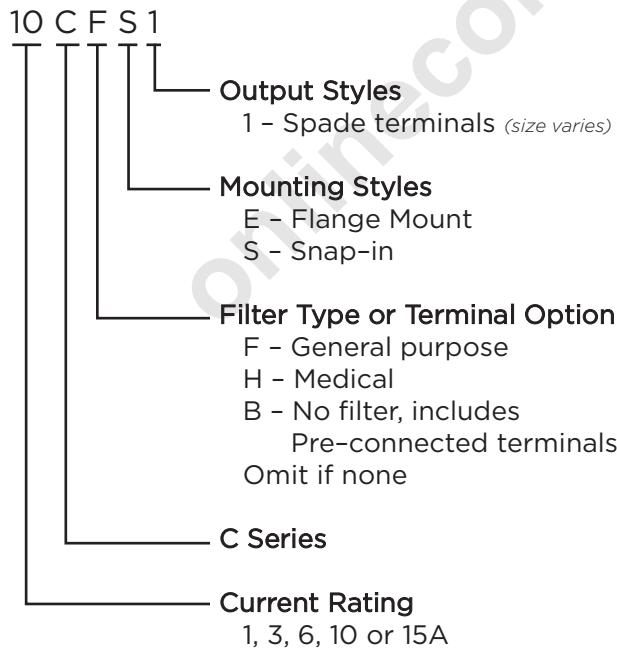


3CFS1 15CS1

C Series

- Two function power entry module combining a DPST switch and an IEC 60320-1 inlet
- Snap-in or flange mounting
- Available with or without a shielded general purpose or medical grade filter
- Two element circuit provides enhanced EMI attenuation
- Reduce OEM wiring time with optional pre-connected line and switch terminals

Ordering Information



*15A versions are tested by Underwriters Laboratories to US and Canadian requirements and are VDE approved at 10A, 250VAC

Specifications

Maximum leakage current each Line to Ground:

	F Models	H & Unfiltered
@ 120 VAC 60 Hz:	.25 mA	2 μ A
@250 VAC 50 Hz:	.40 mA	5 μ A

Hipot rating (one minute):

Line to Ground:	2250 VDC
Line to Line:	1450 VDC

Rated Voltage:

250 VAC

Operating Frequency:

50/60 Hz

Rated Current:

1 to 15A*

Switch:

DPST

10,000 operations at 51A max. inrush

.250 Terminal Push-on Force:

18 lb. / 80N (max.)

.188 Terminal Push-on Force:

15 lb. / 67N (max.)

Available Part Numbers

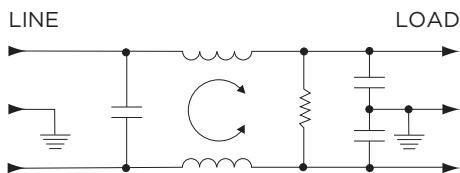
Filtered Versions	
1CHE1	1CFE1
3CHE1	3CFE1
6CHE1	6CFE1
10CHE1	10CFE1
1CHS1	1CFS1
3CHS1	3CFS1
6CHS1	6CFS1
10CHS1	10CFS1
Non-filtered Versions	
Standard Terminals	Pre-connected Terminals
10CS1	10CBS1
10CE1	10CBE1
15CS1	15CBS1
15CE1	15CBE1

Power Entry Module with Switch (continued)

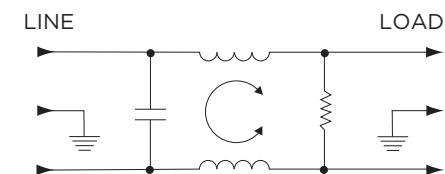
C Series

Electrical Schematics

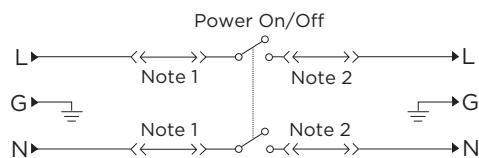
F Models



H Models



B Models

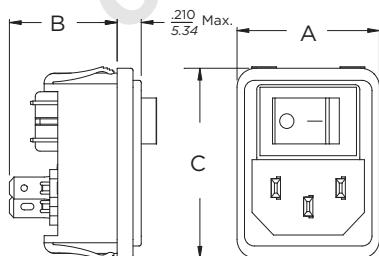


Note 1: Jumpers provided on CBS and CBE versions only

Note 2: Location of optional filter

Case Styles

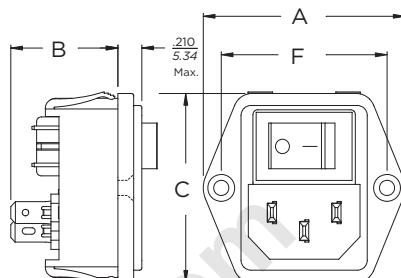
CS, CBS



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14
 Terminals (6): .187 [4.8] with .055 [1.4] Dia. hole
 Ground Terminal (1): .187 [4.8] with .112 x .06 [2.8 x 1.5] slot

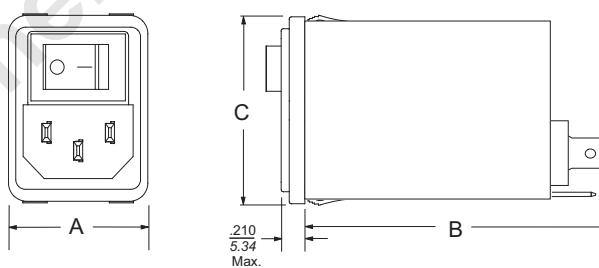
CE, CBE



Typical Dimensions:

Mounting holes (2): .13 [3.3] Dia. with .23 [5.9] Dia. x 90° countersink for #4 flathead screw
 Line Inlet (1): IEC 60320-1 C14
 Terminals (6): .187 [4.8] with .055 [1.4] Dia. hole
 Ground Terminal (1): .187 [4.8] with .112 x .06 [2.8 x 1.5] slot

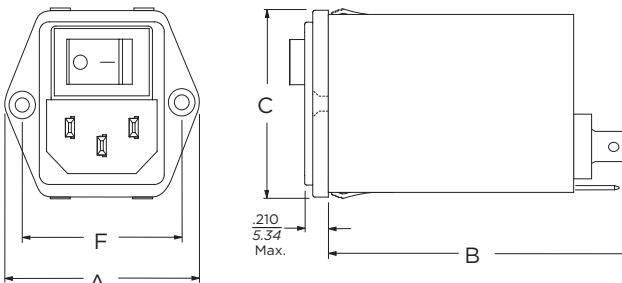
CFS, CHS



Typical Dimensions:

Line Inlet (1): IEC 60320-1 C14
 Terminals (3): .25 [6.35] with .07 [1.8] Dia. hole

CFE, CHE



Typical Dimensions:

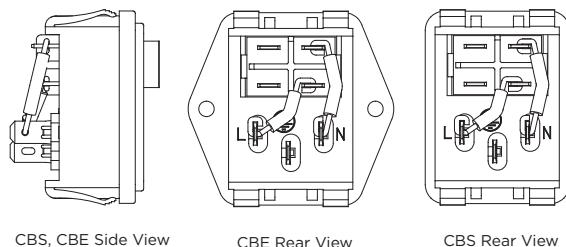
Mounting holes (2): .13 [3.3] Dia. with .23 [5.9] Dia. x 90° countersink for #4 flathead screw
 Line Inlet (1): IEC 60320-1 C14
 Terminals (3): .25 [6.35] with .07 [1.8] Dia. hole

Power Entry Module with Switch (continued)

C Series

Case Styles (continued)

CBS, CBE Pre-Connected Terminals

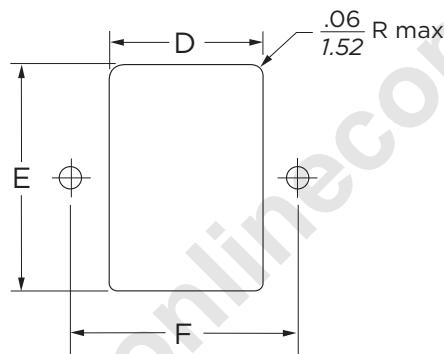

CBS, CBE Side View
CBE Rear View
CBS Rear View

Case Dimensions

Part No.	A (max.)	B (max.)	C (max.)	D <small>±.01</small> <small>±.254</small>	E <small>±.01</small> <small>±.254</small>	F <small>±.006</small> <small>±.152</small>
CS, CBS	1.22 31.0	.93 23.6	1.62 41.2	1.06 26.92	1.54* 39.12"	-
CE, CBE	1.74 44.2	.93 23.6	1.62 41.2	1.06 26.92	1.56 39.62	1.417 36.0
CFS, CHS	1.22 31.0	2.53 64.3	1.62 41.2	1.12 28.5	1.54* 39.12"	-
CFE, CHE	1.74 44.2	2.53 64.3	1.62 41.2	1.12 28.5	1.56 39.62	1.417 36.0

*+.000 [.000] / -.008 [.20]

Recommended Panel Cutout

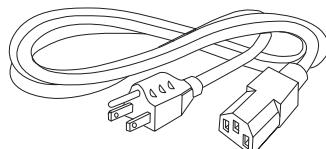

Panel Thickness: .031 - .098 [0.8 - 2.5]

Not recommended for plastic panels.

Snap-in models suitable for front mounting only.

For Snap-in applications, the D sides of the cutout must have a .02 [.508] radius on the installation side.

Accessories

GA400: NEMA 5-15P to IEC 60320-1 C-13 line cord


Power Entry Module with Switch (continued)

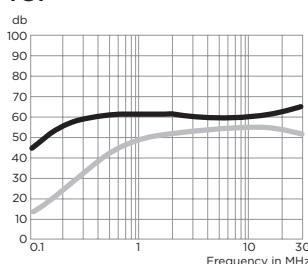
C Series

Performance Data

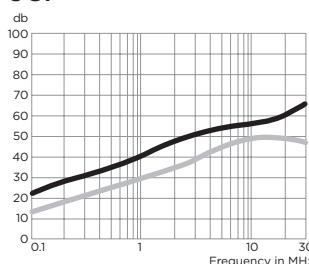
Typical Insertion Loss

Measured in closed 50 Ohm system

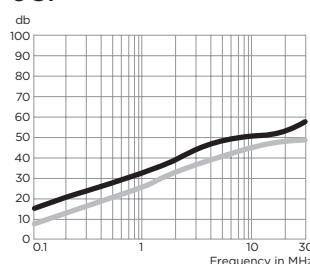
1CF



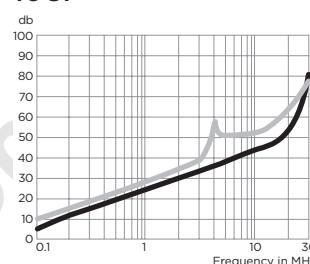
3CF



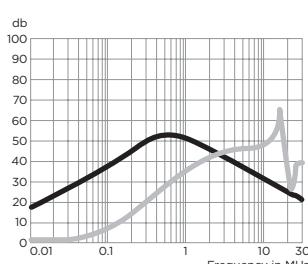
6CF



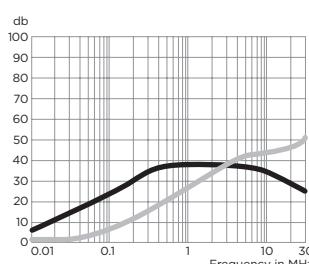
10CF



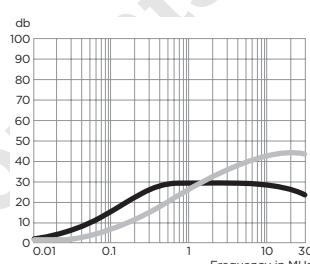
1CH



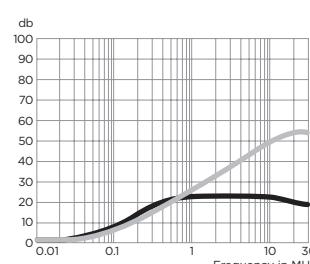
3CH



6CH



10CH



— Common Mode / Asymmetrical (L-G)
 — Differential Mode / Symmetrical (L-L)

Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	.05	.15	.5	1	5	10	30
F Models							
1A	10	26	46	48	46	47	46
3A	8	16	32	36	43	48	50
6A	4	11	22	27	36	41	50
10A	1	4	14	18	27	33	42
H Models							
1A	16	21	37	44	26	21	10
3A	9	14	31	32	26	24	14
6A	4	10	22	23	19	18	13
10A	2	6	10	15	11	11	9

Differential Mode / Symmetrical (Line to Line)

Current Rating	.05	.15	.5	1	5	10	30
F Models							
1A	1	3	13	28	62	67	42
3A	2	6	14	23	65	65	67
6A	2	6	14	27	46	48	58
10A	1	7	14	23	42	44	62
H Models							
1A	1	6	13	29	38	42	26
3A	1	5	10	22	36	34	36
6A	1	5	14	20	31	33	37
10A	1	4	11	19	32	37	38

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

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