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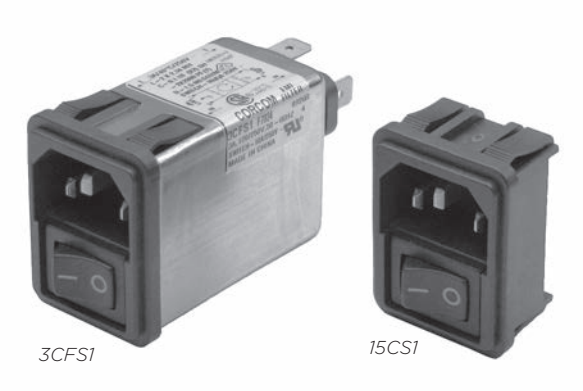
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C Series

UL Recognized
CSA Certified
VDE Approved*



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

10 C F S 1

Output Styles
1 – Spade terminals *(size varies)*

Mounting Styles
E – Flange Mount
S – Snap-in

Filter Type or Terminal Option
F – General purpose
H – Medical
B – No filter, includes Pre-connected terminals
Omit if none

C Series

Current Rating
1, 3, 6, 10 or 15A
(Filtered versions up to 10A)

**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 µA
@250 VAC 50 Hz:	.40 mA	5 µA

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

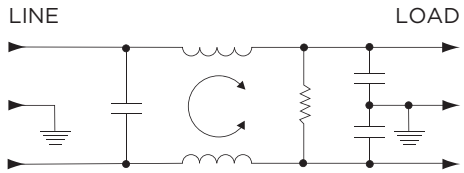
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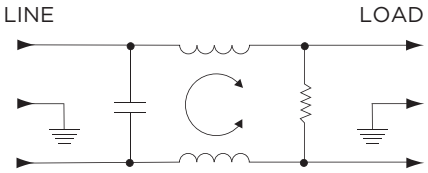
C Series

Electrical Schematics

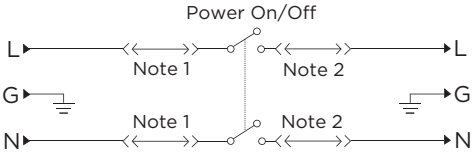
F Models



H Models



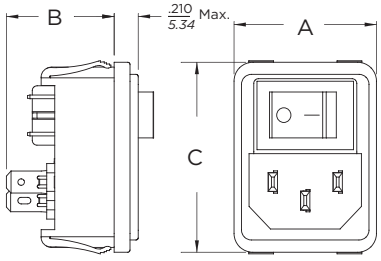
B Models



Note 1: Jumpers provided on CBS and CBE versions only
Note 2: Location of optional filter

Case Styles

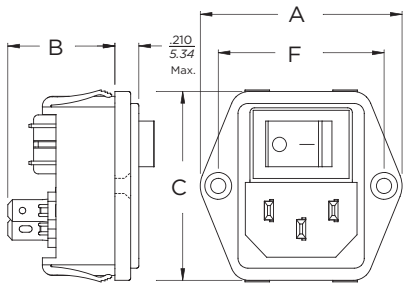
CS, CBS



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

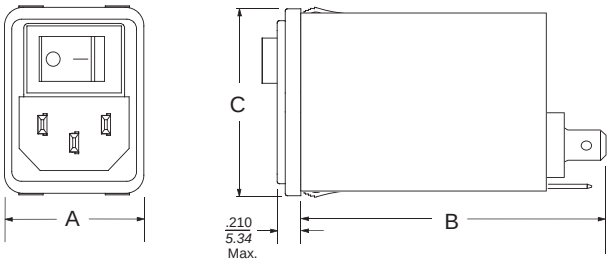
CE, CBE



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

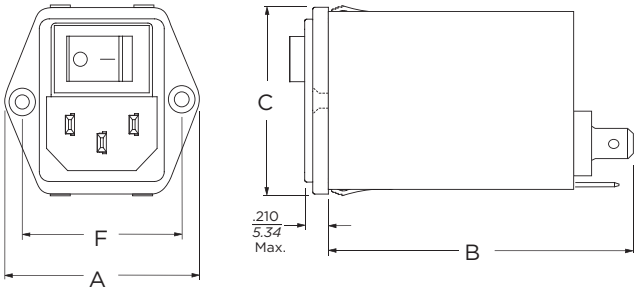
CFS, CHS



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

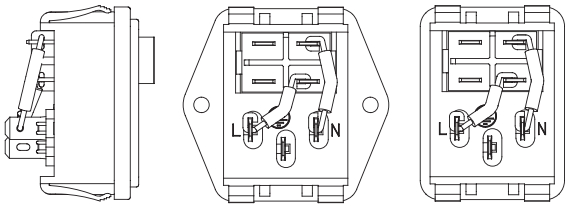
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C Series

Case Styles *(continued)*

CBS, CBE Pre-Connected Terminals



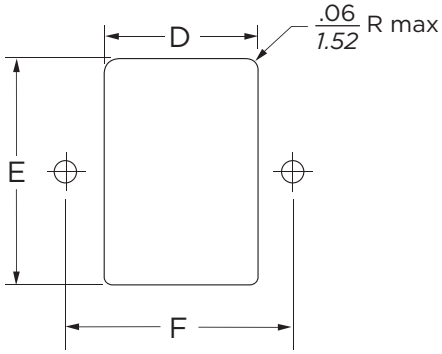
CBS, CBE Side View | CBE Rear View | CBS Rear View

Case Dimensions

Part No.	A (max.)	B (max.)	C (max.)	D ± .01 ± .254	E ± .01 ± .254	F ± .006 ± .152
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*]

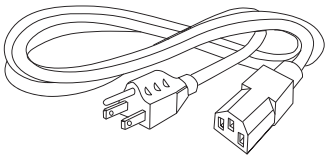
Recommended Panel Cutout



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



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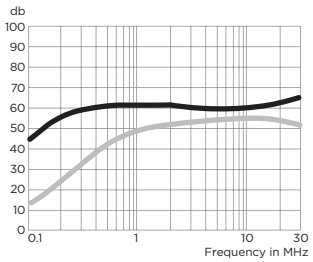
C Series

Performance Data

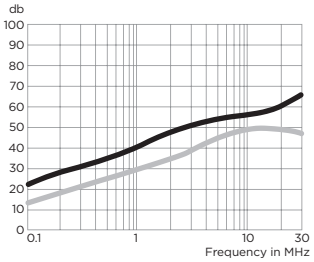
Typical Insertion Loss

Measured in closed 50 Ohm system

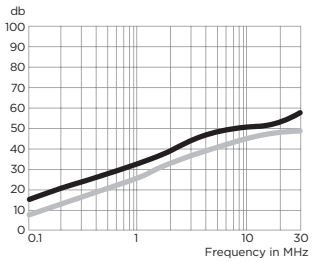
1CF



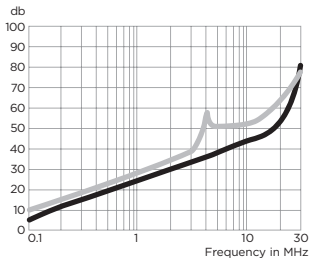
3CF



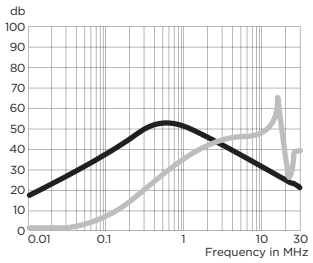
6CF



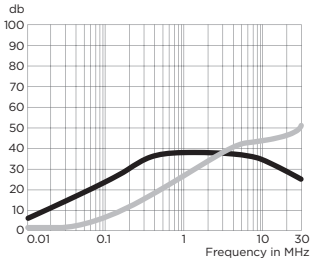
10CF



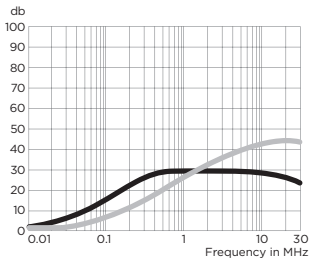
1CH



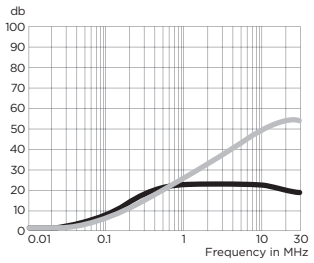
3CH



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	Frequency – MHz .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	Frequency – MHz .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

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