

**CORCOM Product Guide** 

Switch with IEC Connector Compact Size

# Electronics

# **C** Series



**UL Recognized CSA** Certified **VDE** Approved

## **C** Series

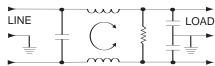
Two function power entry module combining a DPST switch and an IEC 320 power line connector. Compact packaging allows a smaller panel cutout with choice of snap-in or flange mounting. Available with general purpose filtering (F models - CFS, CFE), medical application filtering (H models - CHS, CHE) or unfiltered (CS, CE). Terminals allow for easy connection to any wiring scheme. Preconnected terminals from line to switch are available (B Models - CBS, CBE) for reducing OEM wiring time.

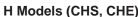
The medical versions (H models) are designed specifically for health care applications. Their extremely low leakage current allows compliance with UL544 and UL2601 as well as CSA22.2 health care specifications for use with both patient and non-patient care equipment. For more information on UL544 or UL2601, see Appendix C.

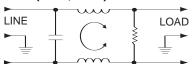
Note: When using the models with an IEC connector, remember that the leakage current of the companion line cord, GA400, is more significant than that of the filter which may disqualify this line cord from use in patient care applications.

### **Electrical Schematics**

### F Models (CFS, CFE)







### **B Models (CBS, CBE)**



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

Resistor location for reference only

110

Catalog 1654001 Revised 04-06

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents.



†Applies to Filtered models only.

### **Specifications**

### Maximum leakage current, each line to ground: †

<b>v</b>	•	
	F Models	<u>H Models</u>
@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
Operating frequency:		50/60 Hz
Rated voltage:		250 VAC
Operating voltages:		115/230 VAC
Switch:	for 10,	insulated rated 000 operations at full load. rush capability.
Unfiltered Push-on Force:		18 lb/80 N

### Minimum insertion loss in dB: around in EO ohm

Current	Frequency MHz							
Rating	0.05	0.15	0.5	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	

Current	Frequency MHz						
Rating	0.05	0.15	0.5	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 shown for reference purposes only. Specifications subject to change.

USA Cust\_Svc : 1-800-468-2023 CORCOM Prods: 1-847-680-7400 49-89-6089-0 Germany:

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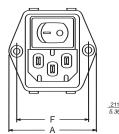
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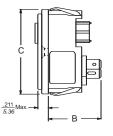
Switch with IEC Connector Compact Size (Continued)

Electronics

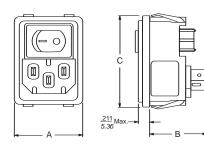
# **C** Series

**Case Styles** CE, CBE\*

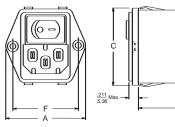




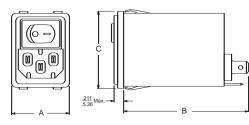
## CS, CBS\*



### CFE, CHE







Typical Dimensions: Mounting Holes: .13 [*3.3*] Dia. (2) with .23 Dia. x 90° Counter sunk Terminals: .250 [*6.35*] (3) Holes: .07 [*1.8*] Dia.

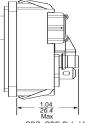
Catalog 1654001 Revised 04-06

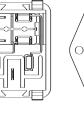
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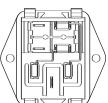
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\*CBS, CBE Pre-Connected Terminals







CBS, CBE Side View

CBS Rear View

CBE Rear View

# **Case Dimensions**

	Α	В	С	D	E	F
Part No.	(max)	(max)	(max)	<u>±.006</u> ±.152	<u>±.006</u> ±.152	±.006 ±.152
CS, CBS	1.23	.97	1.62	1.06	1.54	_
00, 000	31.24	24.64	41.17	26.92	39.12	
CE. CBE	1.74	.97	1.62	1.06	1.54	1.417
0L, 0DL	44.2	24.64	41.17	26.92	39.12	36.0
CFS, CHS	1.23	2.53	1.62	1.12	1.54	_
010,0110	31.24	64.26	41.17	28.5	39.12	
CFE, CHE	1.74	2.53	1.62	1.12	1.54	1.417
0. 2, 0.12	44.2	64.26	41.17	28.5	39.12	36.0

### Part Numbers

Φ

Е

0

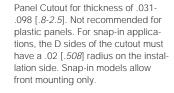
R

10CS1 1CES1	10CE1 1CEE1	1CHS1 3CHS1	1CHE1 3CHE1
3CFS1	3CFE1	6CHS1	6CHE1
6CFS1	6CFE1	10CHS1	10CHE1
10CFS1	10CFE1	10CBS1	10CBE1

# **Recommended Panel Cutout**

¢

.06 1.52 R max



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