CDSUX-C Series

LISTED
60 Hz Models Only

Features

- Sealed, constructed of 16 gauge cold rolled steel
- All non-conductive surfaces protected with suitable painting or electroplating
- Removable input cover for terminal access and field wiring connection
- Threaded conduit fitting with flexible lead on the load side
- Knockouts provided on the input side
- Discharge bleeder resistor provided to reduce shock hazard
- Surge protector provided upon request

Electrical Characteristics

Voltage Drop:
Less than 1% @ unity power factor

Overload:
140% of rated current for 15 minutes

Harmonic Distortion:
Less than 2% @ full rated current

Dielectric Withstanding Voltage:
Per MIL-PRF-15733 and UL1283

D.C. Insulation Resistance:
Per MIL-STD-202, Method 302

Terminal Strength:
Per MIL-STD-202, Method 211, Condition E

Temperature Rise:
Per MIL-PRF-15733 and UL1283

R.F. Radiation:
100 dB minimum shielding effectiveness

Insertion Loss:
100 dB from 14 kHz - 10 GHz per MIL-STD-220A, under load condition, using extended range buffer networks over the frequency range of 14 kHZ - 20 MHz

Applicable Publications:

MIL-PRF-15733 — Filters, radio interference
MIL-STD-202 — Test methods for Components
MIL-STD-220A — Test method of Insertion Loss
MIL-STD-285 — Test method for Shielding Effectiveness
NFPA 70-1987 — National Electric Code
486A - 1983 — Wire Connectors and Lug
UL1283 — UL standard for EMI Filters

How to Order:

CDSUX 2 030 A6 - C - S

- S — Surge Arrestors (optional) [1]
- C — Conduit Fitting (supplied)
- A6 / B6 / A4 — Voltage/Frequency
  - A6 - 120/208V, 60Hz
  - B6 - 277/480V, 60Hz
  - A4 - 120/208V, 400Hz
- 030 — Current Rating [2]
- 2 — # of Filters
- CDSUX — Series

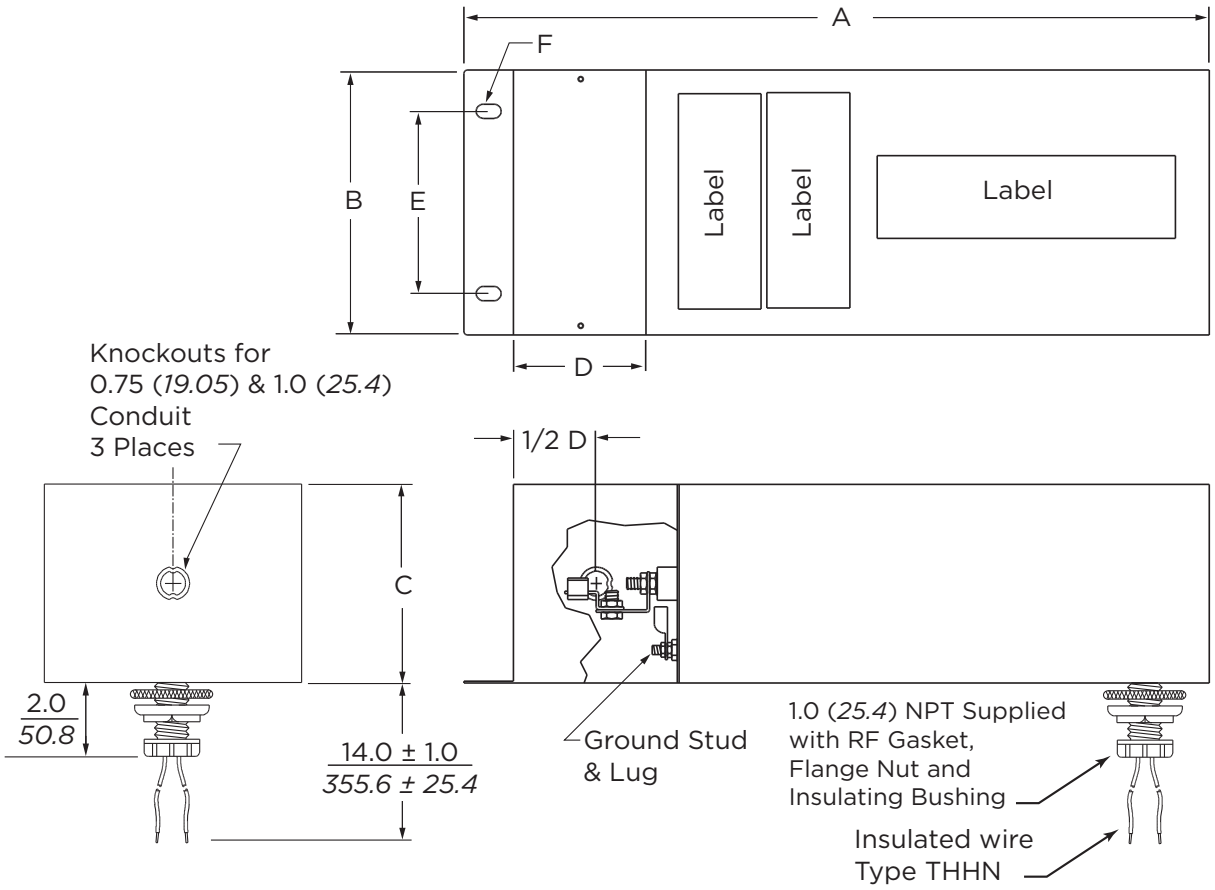
Examples: CDSUX2030A6-C-S, CDSUX1010B6-C

Note 1: Surge Arrestor for A6/A4* Models: V251BA60
Surge Arrestor for B6 Models: V481BA60

Note 2: Current configuration listed as 3 digits with leading zeros

USA Cust. Svc.: 1-800-468-2023
Corcom Prods: 1-847-680-7400
te.com
corcom.com

CDSUX-C Series - Extended Range Buffer Networks *(continued)*



CDSUX	Rated Current	Dimensions						Wire Gauge (AWG/mm²)	Approx. Weight (Pounds/KG)
		A ±.063 [1.6]	B ±.063 [1.6]	C ±.063 [1.6]	D	E	F		
1010**-C	10A	21.0 *533.4*	4.0 *101.6*	5.0 *127.0*	5.0 *127.0*	3.0 *76.2*	.31 x .50 *7.87 x 12.7*	10 *5.26*	15 *6.80*
2010**-C	2 @ 10A	21.0 *533.4*	8.0 *203.2*	5.0 *127.0*	5.0 *127.0*	5.5 *139.7*	.43 x .75 *10.9 x 19.1*	10 *5.26*	30 *13.6*
1030**-C	30A	26.0 *660.4*	6.0 *152.4*	6.0 *152.4*	5.0 *127.0*	4.0 *101.6*	.31 x .50 *7.87 x 12.7*	6 *13.20*	30 *13.6*
2030**-C	2 @ 30A	26.0 *660.4*	12.0 *304.8*	6.0 *152.4*	5.0 *127.0*	9.0 *228.6*	.43 x .75 *10.9 x 19.1*	6 *13.20*	60 *27.2*
1060**-C	60A	32.0 *812.8*	8.0 *203.2*	6.0 *152.4*	6.0 *152.4*	5.5 *139.7*	.43 x .75 *10.9 x 19.1*	6 *13.20*	60 *27.2*
1100**-C	100A	34.0 *863.6*	8.0 *203.2*	6.0 *152.4*	8.0 *203.2*	5.5 *139.7*	.43 X .75 *10.9 x 19.1*	2 *33.6*	70 *31.8*
1150**-C	150A	41.0 *1041.4*	10.0 *254.0*	6.0 *152.4*	9.0 *228.6*	9.0 *228.6*	.43 X .75 *10.9 x 19.1*	0 *53.5*	90 *40.8*
1225**-C	225A	41.0 *1041.4*	10.0 *254.0*	6.0 *152.4*	9.0 *228.6*	9.0 *228.6*	.43 X .75 *10.9 x 19.1*	250 MCM *126.0*	120 *54.4*

*400Hz filters available upon request. Will require external power factor correction coil.
Please contact TE Connectivity Application Engineering 1-847-573-6517.

Max. Operating Voltage	
A6:	120/208V, 60 Hz
B6:	277/480V, 60 Hz
A4*:	120/208V, 400 Hz