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

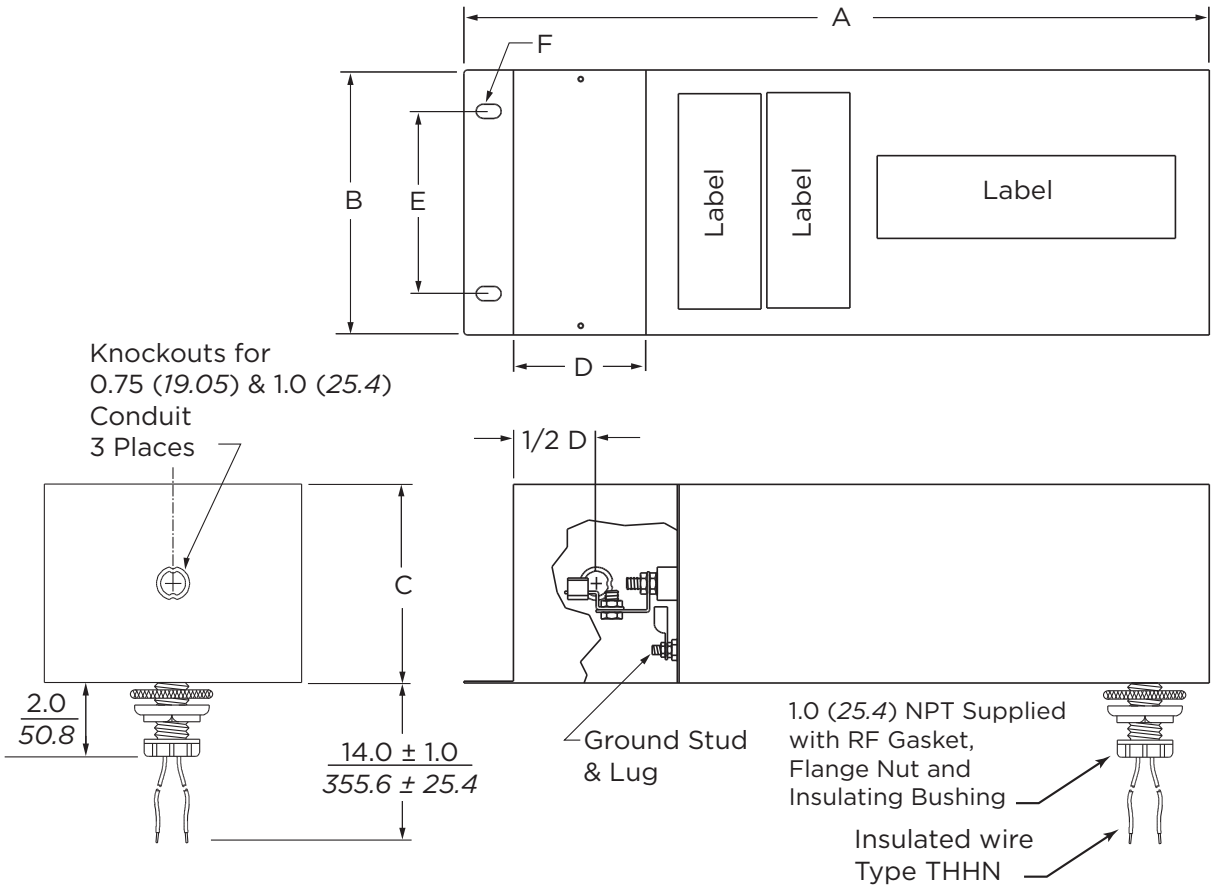
Note 1: Surge Arrestor for A6/A4* Models: V251BA60
Surge Arrestor for B6 Models: V481BA60

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

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.

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

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