



Atria

*General purpose
enclosed
transformer*



SYNONYMOUS WITH QUALITY



Features and Benefits

- Molded terminal blocks for primary and secondary connections up to 3000 VA or 30 amps. Coil face termination over 3000 VA or 30 amps.
- All terminal blocks utilize a combination slot/Phillips #6 screw with a SEMS washer. Coil face terminations utilize a 1/4-20 UNC X 0.50" combination slot/Phillips screw and a spring lock washer.
- 50/60 Hz (60 Hz on DCO***UH and DCO***QC).
- Copper wound coils with high dielectric strength insulation.
- CSA Certified (file LR 3902), UL Listed (file E50394), CE Marked and RoHS Compliant.
- Meets NEMA standards.
- Superior insulating materials. The Delta Atria General purpose enclosed transformers offers the following insulation systems:
 - Up to 1500 VA: 80°C rise, 130°C temperature class (B)
 - 2000 VA to 5000 VA: 115°C rise, 180°C temperature class (F)
- Most Delta Atria General purpose enclosed transformers units incorporate "Premium Packaging" which feature:
 - Premium fluted cartons
 - Custom molded foam inserts
 - Easy removal and repacking
 - Industry's best box label
- All Delta Atria General purpose enclosed transformers units are supplied with trilingual installation and wiring instruction sheets.
- All units supplied with primary and secondary voltage links/jumpers.
- All Delta Atria General purpose enclosed transformers are Vacuum Impregnated with Polyester Resin and oven cured.
- Bolted core construction.
- Bolt-on mounting brackets.

• **15 year warranty**



Series-A

Primary Voltage Secondary Voltage			600/480 120 x 240	575/460 115 x 230	550/440 110 x 220	  		60 Hertz		
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G X H	
50	50	DCE50UH	0,42/0,21	2,70	6,40	3,33	1,66	4,16	0,22 x 0,44	3,0
100	100	DCE100UH	0,83/0,42	3,09	6,30	3,60	2,05	3,50	0,22 x 0,44	4,2
150	150	DCE150UH	1,25/0,63	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,3
250	160	DCE250UH	2,08/1,04	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,6
350	250	DCE350UH	2,92/1,46	3,90	7,00	4,30	2,52	4,30	0,22 x 0,44	8,7
500	300	DCE500UH	4,17/2,08	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,3
750	500	DCE750UH	6,25/3,13	5,60	7,60	5,10	4,00	4,90	0,31 x 0,81	20,3
1000	650	DCE1000UH	8,33/4,17	5,60	8,00	5,10	4,00	5,30	0,31 x 0,81	22,9
1500	1000	DCE1500UH	12,5/6,25	5,60	9,40	5,10	4,00	6,70	0,31 x 0,81	30,3
2000	1300	DCE2000UH	16,7/8,33	6,60	9,10	6,00	5,10	5,70	0,31 x 0,81	37,1
3000	2000	DCE3000UH	25,0/12,5	7,80	11,30	6,70	6,30	6,90	0,31 x 0,81	64,0
5000	3000	DCE5000UH	41,7/20,8	9,30	14,9	8,00	7,10	7,30	0,31 x 0,81	99,7

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

1 Note: For 750 through 2000 VA units actual overall depth is 0.24" plus the value in column B.

* See back cover for dimensional drawings.

All dimensions in inches

Series-B

Primary Voltage Secondary Voltage			600 12 x 24	575 11.5 x 23	550 11 x 22	  		60 Hertz		
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G X H	
50	50	DCE50QC	4,17/2,08	2,70	5,80	3,33	1,66	3,58	0,22 x 0,44	2,3
100	100	DCE100QC	8,33/4,17	3,09	6,30	3,60	2,05	3,50	0,22 x 0,44	4,2
150	150	DCE150QC	12,5/6,25	3,09	6,70	3,60	2,05	3,90	0,22 x 0,44	4,8
250	160	DCE250QC	20,8/10,4	3,90	6,20	2,52	2,52	3,50	0,22 x 0,44	6,4
350	250	DCE350QC	29,2/14,6	3,90	6,80	2,52	2,52	4,10	0,22 x 0,44	8,3
500	300	DCE500QC	41,7/20,8	4,60	6,80	3,30	3,30	4,50	0,31 x 0,81	11,8

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

* See back cover for dimensional drawings.

All dimensions in inches

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Series-C

Primary Voltage Secondary Voltage			240 x 480 120 x 240	230 x 460 115 x 230	220 x 440 110 x 220	  		50/60 Hertz		
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G X H	
50	50	DCE50PH	0,42/0,21	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,5
100	100	DCE100PH	0,83/0,42	3,09	6,30	3,60	2,05	3,50	0,22 x 0,44	3,9
150	150	DCE150PH	1,25/0,63	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250PH	2,08/1,04	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,7
350	250	DCE350PH	2,92/1,46	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,4
500	300	DCE500PH	4,17/2,08	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,2
750	500	DCE750PH	6,25/3,13	5,60	7,20	5,10	4,00	4,50	0,31 x 0,81	18,0
1000	650	DCE1000PH	8,33/4,17	5,60	8,00	5,10	4,00	5,30	0,31 x 0,81	22,8
1500	1000	DCE1500PH	12,5/6,25	6,00	8,50	6,00	5,10	5,10	0,31 x 0,81	31,1
2000	1300	DCE2000PH	16,7/8,33	6,60	9,10	6,00	5,10	5,70	0,31 x 0,81	38,1
3000	2000	DCE3000PH	25,0/12,5	7,80	11,70	6,70	6,30	7,30	0,44 x 1,00	68,5
5000	3000	DCE5000PH	41,7/20,8	9,30	15,10	8,00	7,40	7,30	0,44 x 1,00	104,2

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

¹ Note: For 750 through 2000 VA units actual overall depth is 0.24" plus the value in column B.

* See back cover for dimensional drawings.

All dimensions in inches

Series-D

Primary Voltage Secondary Voltage			240 x 480 12 x 24	230 x 460 11.5 x 23	220 x 440 11 x 22	  		50/60 Hertz		
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G X H	
50	50	DCE50PC	4,17/2,08	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,5
100	100	DCE100PC	8,33/4,17	3,09	6,10	3,60	2,05	3,35	0,22 x 0,44	3,90
150	150	DCE150PC	12,5/6,25	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250PC	20,8/10,4	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,7
350	250	DCE350PC	29,2/14,6	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,5
500	300	DCE500PC	41,7/20,8	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,4

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

* See back cover for dimensional drawings.

All dimensions in inches



Series-E

Primary Voltage
Secondary Voltage

380/347
120 x 240



50/60 Hertz

VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E		
50	50	DCE50LH	0,42/0,21	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,5
100	100	DCE100LH	0,83/0,42	3,09	6,30	3,60	2,05	3,50	0,22 x 0,44	4,3
150	150	DCE150LH	1,25/0,63	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,3
250	160	DCE250LH	2,08/1,04	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,9
350	250	DCE350LH	2,92/1,46	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,6
500	300	DCE500LH	4,17/2,08	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,6
750	500	DCE750LH	6,25/3,13	5,60	7,20	5,10	4,00	4,50	0,31 x 0,81	19
1000	650	DCE1000LH	8,33/4,17	5,60	8,00	5,10	4,00	5,30	0,31 x 0,81	23,5
1500	1000	DCE1500LH	12,5/6,25	6,60	8,50	6,00	5,10	5,10	0,31 x 0,81	31,6

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

1 Note: For 750 through 1500 VA units actual overall depth is 0.24" plus the value in column B.

* See back cover for dimensional drawings.

All dimensions in inches

Series-F

Primary Voltage
Secondary Voltage

380/347
12 x 24



50/60 Hertz

VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E		
50	50	DCE50LC	4,17/2,08	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,5
100	100	DCE100LC	8,33/4,17	3,09	6,30	3,60	2,05	3,50	0,22 x 0,44	4,2
150	150	DCE150LC	12,5/6,25	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,3
250	160	DCE250LC	20,8/10,4	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,6
350	250	DCE350LC	29,2/14,6	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,3
500	300	DCE500LC	41,7/20,8	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,2

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

* See back cover for dimensional drawings.

All dimensions in inches

Series-G

Primary Voltage
Secondary Voltage

277
120



50/60 Hertz

VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E		
50	50	DCE50IE	0,42	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,4
100	100	DCE100IE	0,83	3,09	6,10	3,60	2,05	3,35	0,22 x 0,44	4,1
150	150	DCE150IE	1,25	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250IE	2,08	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,6
350	250	DCE350IE	2,92	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,3
500	300	DCE500IE	4,17	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,3
750	500	DCE750IE	6,25	5,60	7,60	5,10	4,00	4,90	0,31 x 0,81	20,1
1000	650	DCE1000IE	8,33	5,60	8,00	5,10	4,00	5,30	0,31 x 0,81	22,6
1500	1000	DCE1500IE	12,50	5,60	9,40	5,10	4,00	6,70	0,31 x 0,81	31,1

Primary and Secondary voltage links/jumpers supplied standard with all transformers.

Special voltages and VA sizes available upon request.

1 Note: For 750 through 1500 VA units actual overall depth is 0.24" plus the value in column B.

* See back cover for dimensional drawings.

All dimensions in inches

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Series-H

Primary Voltage Secondary Voltage			120 x 240 12 x 24	115 x 230 11.5 x 23	110 x 220 11 x 20	  			50/60 Hertz	
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G x H	
50	50	DCE50HC	4,17/2,08	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,5
100	100	DCE100HC	8,33/4,17	3,09	6,10	3,60	2,05	3,35	0,22 x 0,44	3,9
150	150	DCE150HC	12,5/6,25	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250HC	20,8/10,4	3,90	6,40	4,30	2,52	3,70	0,22 x 0,44	7,1
350	250	DCE350HC	29,2/14,6	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,4
500	300	DCE500HC	41,7/20,8	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,2

Primary and Secondary voltage links/jumpers supplied standard with all transformers.
Special voltages and VA sizes available upon request.
* See back cover for dimensional drawings.
All dimensions in inches

Series-I

Primary Voltage Secondary Voltage			208 x 416 120 x 240	200 x 400 115 x 230	190 x 380 110 x 220	  			50/60 Hertz	
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G X H	
50	50	DCE50NH	0,42/0,21	2,70	5,90	3,33	1,66	3,69	0,22 x 0,44	2,4
100	100	DCE100NH	0,83/0,42	3,09	6,10	3,60	2,05	3,35	0,22 x 0,44	3,9
150	150	DCE150NH	1,25/0,63	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250NH	2,08/1,04	3,90	6,60	4,30	2,52	3,90	0,22 x 0,44	7,7
350	250	DCE350NH	2,92/1,46	3,90	7,20	4,30	2,52	4,90	0,22 x 0,44	9,5
500	300	DCE500NH	4,17/2,08	4,60	7,20	4,60	3,30	4,50	0,31 x 0,81	13,3
750	500	DCE750NH	6,25/3,13	5,60	7,20	5,10	4,00	4,50	0,31 x 0,81	18,2
1000	650	DCE1000NH	8,33/4,17	5,60	8,00	5,10	4,00	5,30	0,31 x 0,81	22,5
1500	1000	DCE1500NH	12,5/6,25	6,60	8,50	6,00	5,10	5,10	0,31 x 0,81	30,1

Primary and Secondary voltage links/jumpers supplied standard with all transformers.
Special voltages and VA sizes available upon request.
1 Note: For 750 through 2000 VA units actual overall depth is 0.24" plus the value in column B.
* See back cover for dimensional drawings.
All dimensions in inches

Series-J

Primary Voltage Secondary Voltage			208 x 416 12 x 24	200 x 400 11.5 x 23	190 x 380 11 x 22	  			50/60 Hertz	
VA Rating	CE VA Rating	Catalog Number	Output Amps	Overall Dimensions			Mounting Centers		Mounting Slot	Approx. Ship Weight Lbs.
				A	B	C	D	E	G x H	
50	50	DCE50NC	4,17/2,08	2,70	8,90	3,33	1,66	3,69	0,22 x 0,44	2,4
100	100	DCE100NC	8,33/4,17	3,09	6,10	3,60	2,05	3,35	0,22 x 0,44	4
150	150	DCE150NC	12,5/6,25	3,09	6,90	3,60	2,05	4,10	0,22 x 0,44	5,2
250	160	DCE250NC	20,8/10,4	3,90	6,6	4,30	2,52	3,90	0,22 x 0,44	7,7
350	250	DCE350NC	29,2/14,6	3,90	7,2	4,30	2,52	4,90	0,22 x 0,44	9,5
500	300	DCE500NC	41,7/20,8	4,60	7,2	4,60	3,30	4,50	0,31 x 0,81	13,3

Primary and Secondary voltage links/jumpers supplied standard with all transformers.
Special voltages and VA sizes available upon request.
* See back cover for dimensional drawings.
All dimensions in inches

Optional Accessories

Fuse Holder Kit

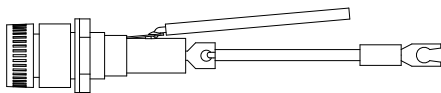
This general purpose enclosed transformer optional fuse holder kit is specifically designed to provide circuit protection up to a maximum of 20 amps and up to 250V.

The fuse holder kit is supplied with leads for easy hook-up and is easy to install.

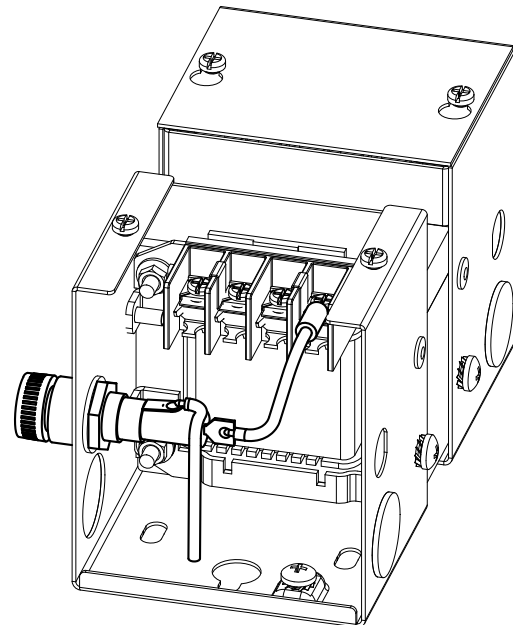
Fuses are NOT supplied with this kit. Fuses should be selected in accordance with CSA, UL and local electrical codes.

(Note: Fuseholder is designed to accept 1/4" x 1 1/4" fuses)

Part Number	Applicable Transformer Part Number Suffix's	Applicable Specifications
FSFH1	All	Up to 20 amps and 250V



Fuse Holder Kit
(Optional)



Sample Assembly Drawing
for Optional Fuse Holder Installation

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Dimensional Drawings

Some actual transformer units may differ from dimensional drawings shown below.

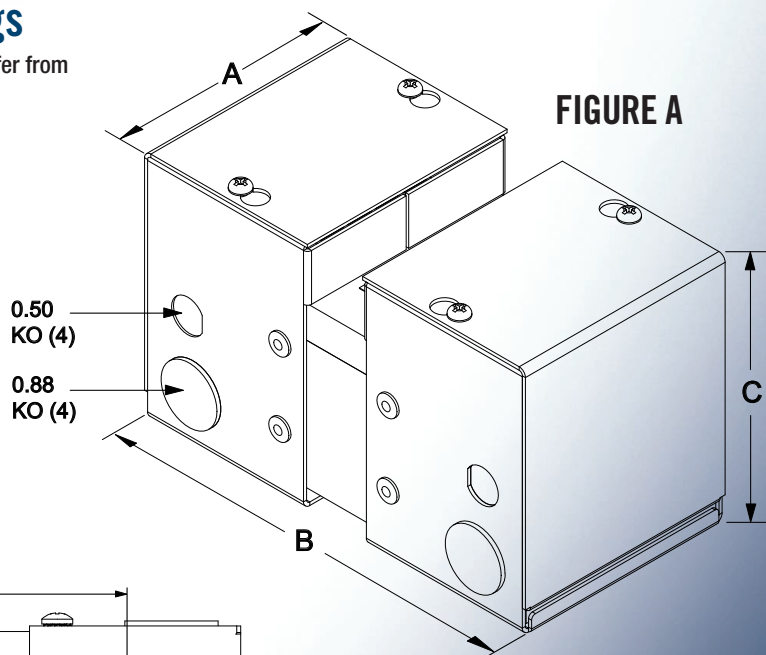
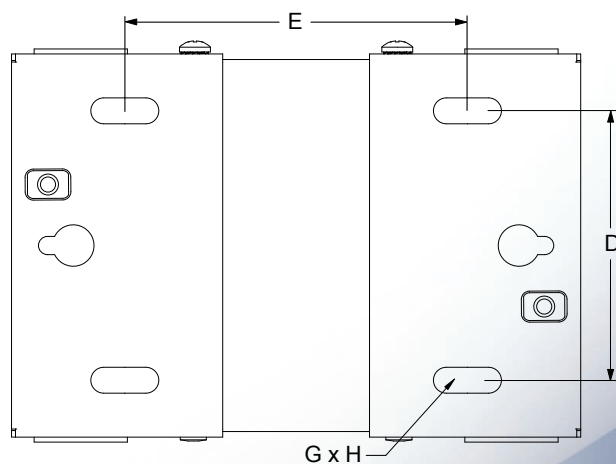


FIGURE B



DELTA TRANSFORMERS Inc.

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