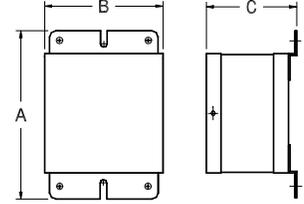
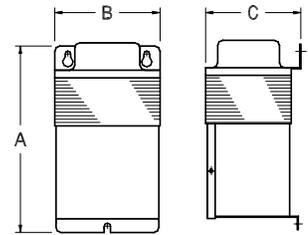


## Primary Volts 240 X 480, Secondary Volts 120 / 240

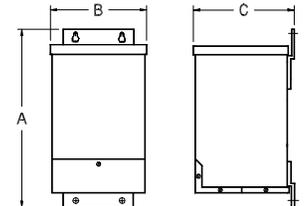
General Information				Winding Specifications				Dimensions			
kVA Cap.	Catalog Number	Hz.	Wgt. Lbs	Taps	Maximum Amps		Conn Dia. Pg. 15	Height A	Width B	Depth C	Outline Dwg.
					Pri.	Sec.					
.050	35-1005	50/60	3.3	0	.2 / .1	.4 / .2	1	6.37	3.75	3.37	1
.100	35-1010	50/60	5	0	.4 / .2	.8 / .4	1	6.37	3.75	3.37	1
.150	35-1015	50/60	7	0	.6 / .3	1.2 / .6	1	7.00	4.00	3.63	2
.250	85-1020SH	50/60	14	0	1.0 / .52	2.0 / 1.0	4	12.00	4.87	5.25	3
.500	85-1025SH	50/60	18	0	2.0 / 1.0	4.1 / 2.0	4	12.00	4.87	5.25	3
.750	85-1030SH	50/60	22	0	3.1 / 1.6	6.2 / 3.1	4	12.00	4.87	5.25	3
1.0	85-1035SH	60	29	0	4.1 / 2.0	8.3 / 4.1	4	15.25	5.75	5.87	3
1.5	85-1040SH	60	37	0	6.2 / 3.1	12.5 / 6.2	4	15.25	5.75	5.87	3
2.0	85-1045SH	60	42	0	8.3 / 4.1	16.6 / 8.3	4	15.25	5.75	5.87	3
3.0	85-1050SH	60	62	0	12.5 / 6.2	25.0 / 12.5	4	15.25	8.25	7.87	3
3.0	85-1450SH	60	62	4	12.5 / 6.2	25.0 / 12.5	2	15.25	8.25	7.87	3
5.0	85-1055SH	60	102	0	20.8 / 10.4	41.6 / 20.8	4	15.25	8.25	7.87	3
5.0	85-1455SH	60	102	4	20.8 / 10.4	41.6 / 20.8	2	15.25	8.25	7.87	3
7.5	85-1060SH	60	131	0	31 / 15.6	62 / 31	4	15.75	14.25	8.75	4
7.5	85-1460SH	60	131	4	31 / 15.6	62 / 31	2	15.75	14.25	8.75	4
10	85-1065SH	60	152	0	41 / 20	83 / 41	4	15.75	14.25	8.75	4
10	85-1465SH	60	152	4	41 / 20	83 / 41	2	15.75	14.25	8.75	4
15	85-1070SH	60	270	0	62 / 31	125 / 62	4	19.38	17.56	11.50	4
15	85-1470SH	60	270	4	62 / 31	125 / 62	2	19.38	17.56	11.50	4
25	85-1075SH	60	300	0	104 / 52	208 / 104	4	19.38	17.56	11.50	4
25	85-1475SH	60	300	4	104 / 52	208 / 104	2	19.38	17.56	11.50	4



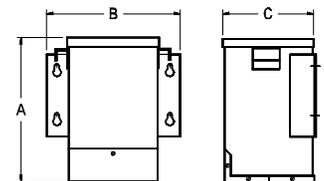
**Outline Drawing 1**  
Wall Mount - Ventilated - NEMA 1



**Outline Drawing 2**  
Wall Mount - Ventilated - NEMA 3R



**Outline Drawing 3**  
Wall Mount - Encapsulated - NEMA 3R  
Note: 3 kVA & 5kVA 85 Series are also available in Outline Drawing 4 Configuration



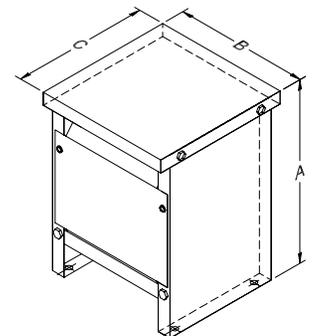
**Outline Drawing 4**  
Wall Mount - Encapsulated - NEMA 3R

## Floor Mount, Cabinet Style Enclosure

7.5	61-1460SH	60	125	4	31 / 15.6	62 / 31	2	22.00	16.00	14.00	5
10	61-1465SH	60	133	4	41 / 20	83 / 41	2	22.00	16.00	14.00	5
15	61-1470SH	60	185	4	62 / 31	125 / 62	2	23.50	18.62	16.00	5
25	61-1475SH	60	281	4	104 / 52	208 / 104	2	23.50	18.62	16.00	5
37.5	61-1680SH	60	384	6	156 / 78	312 / 156	3	32.00	27.00	26.25	5
50	61-1685SH	60	445	6	208 / 104	416 / 208	3	32.00	27.00	26.25	5
75	61-1690SH	60	663	6	312 / 156	625 / 312	3	41.00	34.00	26.75	5
100	61-1695SH	60	732	6	416 / 208	833 / 416	3	41.00	34.00	26.75	5

## Primary Volts 240 X 480, Secondary Volts 120 - Fused

General Information				Winding Specifications				Dimensions			
kVA Cap.	Catalog Number	Hz.	Wgt. Lbs	Taps	Maximum Amps		Conn Dia. Pg. 16	Height A	Width B	Depth C	Outline Dwg. Pg. 24
					Pri.	Sec.					
.100	35-2010	50/60	5	0	.4 / .2	.8	11	6.37	3.75	3.38	6
.150	35-2015	50/60	7	0	.6 / .3	1.2	11	7.00	4.00	3.63	7
.250	35-2020	50/60	11	0	1.0 / .52	2.0	11	7.50	4.50	4.00	7
.500	35-2025	50/60	20	0	2.0 / 1.0	4.1	11	9.16	5.38	4.56	7
.750	35-2030	50/60	29	0	3.1 / 1.6	6.2	11	10.75	5.50	4.75	7
1.0	80-2035	50/60	29	0	4.1 / 2.0	8.3	11	10.88	5.50	4.75	7
1.5	80-2040	50/60	37	0	6.2 / 3.1	12.5	11	10.19	6.50	5.66	7



**Outline Drawing 5**  
Floor Mount - Ventilated - NEMA 3R

### SINGLE PHASE VENTILATED:

Series 35: .050 kVA - .750 kVA – Series 80: 1.0 kVA - 5.0 kVA

#### Features

- **UL Listed, File E3210.**
- **CSA Certified, File LR 560.**
- **Copper windings** and copper lead wire terminations used throughout.
- **Series 35 has a UL Class 105°C insulation system** with 55°C temperature rise at a maximum ambient of 40°C. This insures a long life and cool operating temperatures.
- **Series 80 has a UL Class 180°C insulation system** with 115°C temperature rise at a maximum ambient of 40°C.
- **NEMA-3R**, wall mount enclosure suitable for indoor or outdoor use. May be used in banks of 2 or 3 units for standard three phase voltages

and nonstandard, open delta auto-transformer applications. (Note: .050 kVA - .100 kVA are in a NEMA-1 enclosure)

- **Multiple knockouts** provide convenient conduit entry and exit locations through the front access wiring compartment.
- **Ground studs** provided for bonding compatibility with both metallic and nonmetallic conduit.
- **Nonstandard designs** are available by consulting the factory or your Dongan representative.
- Double wound, isolation type transformers.



### SINGLE PHASE ENCAPSULATED:

Series 85 ISO-Shield: .250 kVA - 25 kVA

#### Features

- **UL Listed, File E3210, .250 - 10 kVA.**
- **UL Listed, File E78234, 15 - 25 kVA.**
- **CUL Listed through UL File E3210.**
- **Electrostatic shield** between primary and secondary windings provides cleaner output voltage and helps to reduce spikes and transients.

- **Epoxy-silica encapsulated** core and coil provides a transformer particularly well suited for harsh commercial and industrial applications.
- **Copper windings** and copper lead wire terminations used throughout.
- **UL Class 180°C insulation system** with 115°C temperature rise at a maximum ambient of 40°C.
- **NEMA-3R**, wall mount enclosure suitable for indoor or outdoor use. May be used in banks of 2 or 3 units for standard three phase voltages and nonstandard, open delta autotransformer applications.
- **Multiple knockouts** provide convenient conduit entry and exit locations through the front and bottom access wiring compartment covers.
- **Ground studs** provided for bonding compatibility with both metallic and nonmetallic conduit.
- **Nonstandard designs** are available by consulting the factory or your Dongan representative.
- Double wound, isolation type transformers.

