

400 HZ

Military/Industrial Power Transformers

60 HZ

FREQUENCY 380-1000 Hz

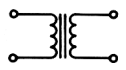
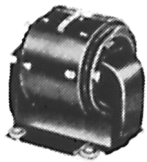


FIG. 1



FIG. 2

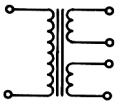


FIG. 3

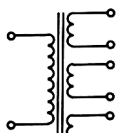


FIG. 4

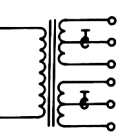


FIG. 5

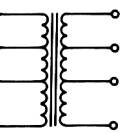
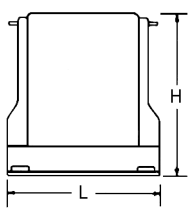


FIG. 6

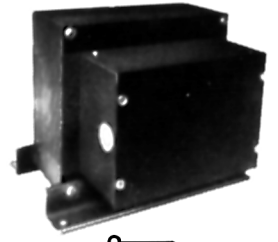
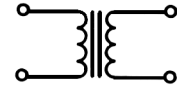
Fig.	Cat. No.	Sec. Volts	Sec. Amp.	Insul. (VRMS)	Pri. Volts	Size
2	4C1	6.3 CT	0.8	1500	115	SM3
2	4C2	6.3 CT	1.2	1500	115	SM2
2	4C3	6.3 CT	6.8	1500	110/115/120	2
3	4C4	6.3	4.9	1500	115	3
		6.3	2.7			
2	4C5	6.3 CT	7.2	1500	115	35
4	4C6	6.3	7	1500	120	35
		6.3	7			
		6.3	1.5	1500		
5	4C7	6.3 CT	7	1500	120	4
		6.3 CT	7	1500		
4	4C8	6.3	13.7	1500	115	4
		6.3	2.9	1500		
		6.3	0.3	1500		
2	4C9	6.3 CT	12.3	1500	115	5
4	4C11	6.3	2.4	1500	115	3
		6.3	2.5			
		6.3	2.7			
2	4C26	6.3 CT	2	1500	115	SM1
2	4C27	6.3 CT	3	1500	115	1A
2	4C28	6.3 CT	5	1500	115	2
2	4C29	5 CT	3	2500	115	SM1
2	4C30	5 CT	6	2500	115	2
2	4C31	8.5 CT	12	1500	115	5
2	4C32	8.5 CT	23	1500	115	7
2	4C33	8.5 CT	35	1500	115	8
2	4C34	8.5 CT	45	1500	115	9
1	4C12	14.1	3	1500	115	3
2	4C35	21 CT	4.5	1500	115	5
2	4C13	21 CT	9	1500	115	7
2	4C36	21 CT	18	1500	115	9
2	4C10	20 CT	0.6	1500	115	SM1
2	4C37	21 CT	24	1500	115	10
2	4C38	24 CT	4	1500	115	5
2	4C39	24 CT	8	1500	115	7
2	4C40	24 CT	16	1500	115	9
2	4C41	24 CT	21	1500	115	10
1	4C14	26	0.5	1500	115	SM1
2	4C15	26 CT	1.5	1500	115	3
2	4C23	26 CT	3	1500	115	4
2	4C24	26 CT	5	1500	115	6
5	4C16	28 CT	0.8	1500	115	3
		6.3 CT	7			
2	4C42	41 CT	2.3	1500	115	5
2	4C43	41 CT	4.5	1500	115	7
2	4C44	41 CT	9	1500	115	9
2	4C45	41 CT	12	1500	115	10
2	4C46	48 CT	2	1500	115	5
2	4C47	48 CT	4	1500	115	7
2	4C48	48 CT	8	1500	115	9
2	4C49	48 CT	10	1500	115	10
2	4C25	52 CT	2	1500	115	5
2	4C17	52 CT	0.2	1500	115	SM1
2	4C18	90 CT	4.5	1500	115	9
1	4C19	115	.05	1500	115	SM2
1	4C21	115	2.8	1500	115	8
6	4C20	105/115/125	0.4	1500	105/115/125	2
6	4C50	105/115/125	1	1500	105/115/125	6
6	4C51	105/115/125	2.4	1500	105/115/125	8
6	4C52	105/115/125	3.2	1500	105/115/125	9
6	4C53	105/115/125	4	1500	105/115/125	10
1	4C22	334	.025	1500	115	SM1



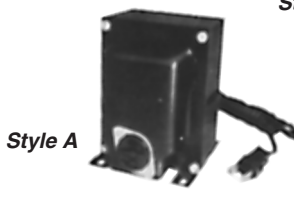
SIZE	OVERALL DIMENSIONS (NOTE 4)			MTG. DIMENSIONS		APP. WT. (LBS)	MTG. METH.
	L	W	H	F	G		
SM 3	1.00	1.25	1.19	1.00	Note 1	.06	Note 1
SM 2	1.50	1.25	1.69	1.00	Note 1	.10	Note 1
SM 1	1.50	1.50	1.69	1.13	Note 1	.16	Note 1
1A	1.69	1.53	1.81	1.16	1.13	.25	Note 2
2	2.00	1.94	2.13	1.28	1.25	.40	Note 2
3	2.31	1.81	2.13	1.28	1.44	.45	Note 2
35	2.06	2.38	2.19	1.53	1.69	.70	Note 2
4	2.31	2.38	2.56	1.53	1.69	.90	Note 2
5	2.75	2.38	2.88	1.53	2.19	1.20	Note 2
6	2.75	2.63	3.13	1.53	2.19	1.50	Note 2
7	3.00	2.88	3.38	1.78	2.5	2.00	Note 2
8	3.38	2.88	3.38	1.78	2.5	2.50	Note 2
9	4.06	3.38	3.88	2.19	3.50	5.00	Note 3
10	4.50	3.94	3.94	2.75	3.13	6.00	Note 3

Note 1 — SM series are two hole mounting with holes on center line. #4-40 Perm nuts are fastened to the bracket.
 Note 2 — #6-32 Perm nuts on bracket are standard.
 Note 3 — #8-32 Perm nuts on bracket are standard.
 Note 4 — Overall dimensions approximate; given for reference only
 Note 5 — MTG dimensions tolerance ±.010

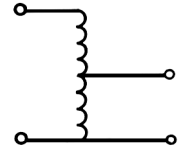
* Encapsulant: filled semi-rigid, cycloaliphatic epoxy resin.



Style B



Style A



ISOLATION TRANSFORMERS

PRIMARY: 120 Volts • 50/60 HZ • Line Cord and Plug*
 SECONDARY: 120 Volts • Standard Female Receptacle
 • Electrostatic Shield • UL Approved Cord and Plug.

Cat. No.	VA Watts	Style	DIMENSIONS			Mounting Centers		Appr. Wt.
			L	W	H	M1	M2	
S1-50	50	A	2 ²⁹ / ₃₂	3 ⁷ / ₁₆	3 ¹ / ₂	2 ¹ / ₂	1 ¹³ / ₁₆	3
S1-100	100	A	3 ⁷ / ₃₂	3 ⁷ / ₈	3 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	5
S1-150	150	A	3 ¹⁷ / ₃₂	4 ¹ / ₈	4 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	7
S1-220	220	A	3 ²⁷ / ₃₂	4 ⁷ / ₈	4 ¹ / ₂	3	3 ¹ / ₁₆	9.5
S1-330	330	A	4 ¹⁷ / ₃₂	5 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	3 ¹ / ₄	14.5
S1-500	500	A	4 ¹⁷ / ₃₂	6 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	4 ¹ / ₄	21
S1-700	700	A	5 ¹ / ₂	5 ⁹ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	3 ¹ / ₂	25
S1-1000	1000	A	5 ¹ / ₂	6 ⁵ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	4 ¹ / ₂	35
S1-1500	1500	B	9	7 ¹ / ₄	6 ¹ / ₁₆	8 ¹ / ₄	4 ¹ / ₂	42
S1-2200	2200	B	9	9 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	6	65
S1-3300	3300	B	9	11 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	8 ¹ / ₄	95

* Style A Only; Style B — Knockouts for Conduit Connectors.

STEP-DOWN ISOLATION TRANSFORMERS

PRIMARY: 240 Volts • 50/60 HZ • Line Cord and Plug*
 SECONDARY: 120 Volts • Standard Female Receptacle
 • Electrostatic Shield • UL Approved Cord and Plug.

Cat. No.	VA Watts	Style	DIMENSIONS			Mounting Centers		Appr. Wt.
			L	W	H	M1	M2	
S2-50	50	A	2 ²⁹ / ₃₂	3 ⁷ / ₁₆	3 ¹ / ₂	2 ¹ / ₂	1 ¹³ / ₁₆	3
S2-100	100	A	3 ⁷ / ₃₂	3 ⁷ / ₈	3 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	5
S2-150	150	A	3 ¹⁷ / ₃₂	4 ¹ / ₈	4 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	7
S2-220	220	A	3 ²⁷ / ₃₂	4 ⁷ / ₈	4 ¹ / ₂	3	3 ¹ / ₁₆	9.5
S2-330	330	A	4 ¹⁷ / ₃₂	5 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	3 ¹ / ₄	14.5
S2-500	500	A	4 ¹⁷ / ₃₂	6 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	4 ¹ / ₄	21
S2-700	700	A	5 ¹ / ₂	5 ⁹ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	3 ¹ / ₂	25
S2-1000	1000	A	5 ¹ / ₂	6 ⁵ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	4 ¹ / ₂	35
S2-1500	1500	B	9	7 ¹ / ₄	6 ¹ / ₁₆	8 ¹ / ₄	4 ¹ / ₂	42
S2-2200	2200	B	9	9 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	6	65
S2-3300	3300	B	9	11 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	8 ¹ / ₄	95

* Style A Only; Style B — Knockouts for Conduit Connectors.

STEP-DOWN AUTO TRANSFORMERS

PRIMARY: 240 Volts • 50/60 HZ • Line Cord and Plug*
 SECONDARY: 120 Volts • Standard Female Receptacle
 • UL Approved Cord and Plug.

Cat. No.	VA Watts	Style	DIMENSIONS			Mounting Centers		Appr. Wt.
			L	W	H	M1	M2	
SA-100	100	A	2 ²⁹ / ₃₂	3 ⁷ / ₁₆	3 ¹ / ₂	2 ¹ / ₂	1 ¹³ / ₁₆	3
SA-150	150	A	2 ²⁹ / ₃₂	3 ³ / ₄	3 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	4
SA-200	200	A	3 ⁷ / ₃₂	3 ⁷ / ₈	3 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	5
SA-300	300	A	3 ¹⁷ / ₃₂	4 ¹ / ₈	4 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₁₆	7
SA-450	450	A	3 ²⁷ / ₃₂	4 ⁷ / ₈	4 ¹ / ₂	3	3 ¹ / ₁₆	9.5
SA-650	650	A	4 ¹⁷ / ₃₂	5 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	3 ¹ / ₄	14.5
SA-1000	1000	A	4 ¹⁷ / ₃₂	6 ¹ / ₄	5 ¹ / ₁₆	3 ¹ / ₂	4 ¹ / ₄	21
SA-1500	1500	A	5 ¹ / ₂	5 ⁹ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	3 ¹ / ₂	25
SA-2000	2000	A	5 ¹ / ₂	6 ⁵ / ₁₆	6 ¹ / ₁₆	4 ¹ / ₄	4 ¹ / ₂	35
SA-3000	3000	B	9	7 ¹ / ₄	6 ¹ / ₁₆	8 ¹ / ₄	4 ¹ / ₂	42
SA-4500	4500	B	9	9 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	6	65
SA-6500	6500	B	9	11 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	8 ¹ / ₄	95
SA-8000**	8000	B	10 ¹ / ₈	9 ¹ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	9 ¹ / ₈	145
SAB-5300†	5300	A	5 ¹ / ₂	8 ¹ / ₁₆	4	3 ¹ / ₄	6 ¹ / ₂	17.5

* Style A Only; **60 HZ Only; Style B — Knockouts for Conduit Connector

† Step-up/down Auto Transformer. Connections for 208/230 V or 230/208 V, 23 Amp 50/60 HZ

Call for Engineering Assistance

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