

1-800-GRAINGER (472-4643)



1H727



1-Phase Transformers

- 120/240VAC output
- 60 Hz, except 60/50 Hz where noted
- Wall mount, except where noted
- NEMA 3R enclosures, except NEMA 2 where footnoted. Weather shields to

adapt indoor NEMA 2 enclosures for outdoor NEMA 3R use are available; call 1-800-GRAINGER (472-4643) or search Grainger.com®. UL Listed and CSA Certified.

SQUARE D				ACME ELECTRIC			
VA Rating	Temp. Rise	Mfr. Model	Item No.	Temp. Rise	Mfr. Model	Item No.	
120V AC, 208V AC, 240V AC, 277V AC Input							
1 kVA	—	—	—	115°C	T279740S	4WUD5	
1.5 kVA	—	—	—	115°C	T279741S	4WUD6	
2 kVA	—	—	—	115°C	T279742S	4WUD7	
3 kVA	—	—	—	115°C	T279743S	4WUD8	
5 kVA	—	—	—	115°C	T279744S	4WUD9	
7.5 kVA	—	—	—	115°C	T279745S	4WUE1	
120V AC, 240V AC Input							
1 kVA	180°C	1S6FIS	2CT06	—	—	—	—
2 kVA	115°C	2S6FIS	2CT11	—	—	—	—
5 kVA	115°C	5S6FIS	2CN50	—	—	—	—
7.5 kVA	115°C	7S6FIS	2CN76	—	—	—	—
190V AC, 200V AC, 208V AC, 220V AC, 380V AC, 400V AC, 416V AC, 440V AC Input							
2 kVA	115°C	2S67F	2CT10	*	—	—	—
5 kVA	115°C	5S67F	2CN49	*	—	—	—
7.5 kVA	115°C	7S67F	2CN75	*	—	—	—
190V AC, 208V AC, 220 V AC, 240V AC, 380V AC, 416V AC, 440V AC, 480V AC Input							
1 kVA	115°C	1S67F	2CT05	*	115°C	TF279260S	4WUC6 *
2 kVA	—	—	—	115°C	TF279261S	4WUC7 *	
3 kVA	115°C	3S67F	2CN20	—	115°C	TF279262S	4WUC8 *
5 kVA	—	—	—	115°C	TF279263S	4WUC9 *	
7.5 kVA	—	—	—	115°C	TF279264S	4WUD1 *	
10 kVA	—	—	—	115°C	TF279265S	4WUD2 *	
15 kVA	—	—	—	115°C	TF279266S	4WUD3 *	
25 kVA	—	—	—	115°C	TF279267S	4WUD4 *	
208V AC Input							
1 kVA	115°C	1S7F	2CT07	—	—	—	—
3 kVA	105°C	3S7FIS	2CT20	—	—	—	—
5 kVA	115°C	5S7FIS	2CN51	—	—	—	—
240V AC, 480V AC Input							
1 kVA	115°C	1S1F	1H721	115°C	T253010S	4WUA5	
1.5 kVA	115°C	1.5S1F	1H718	115°C	T253011S	4WUA6	
2 kVA	115°C	2S1F	1H723	115°C	T253012S	4WUA7	
3 kVA	115°C	3S1F	1H724	115°C	T253013S	4WUA8	
5 kVA	115°C	5S1F	1H277	115°C	T253014S	4WUA9	
7.5 kVA	115°C	7S1F	5B613	115°C	T2535153S	4WUC1	
10 kVA	115°C	10S1F	5B605	115°C	T2535163S	4WUC2	
15 kVA	—	—	—	115°C	T2535173S	4WUC3	
25 kVA	150°C	EE25S3SH	1TBP7	†	115°C	T2535183S	4WUC4
37.5 kVA	150°C	EE37S3SH	1TBP8	†	150°C	TP530193S	4LCY7 †
50 VA	55°C	50SV1A	1H727	†	80°C	T153004	4WTZ8
50 VA	150°C	EE50S3SH	1TBP9	†	150°C	TP530203S	4LCY8 †
100 VA	55°C	100SV1A	1H719	†	80°C	T153005	4WTZ9
150 VA	55°C	150SV1A	1H720	†	80°C	T153006	4WUA1
250 VA	80°C	250SV1B	1H722	†	115°C	T253007S	4WUA2
500 VA	80°C	500SV1B	1H726	†	115°C	T253008S	4WUA3
750 VA	115°C	750SV1F	1H728	†	115°C	T253009S	4WUA4
480V AC Input							
3 kVA	115°C	3S40F	2CN16	—	—	—	—
5 kVA	115°C	5S40F	2CN47	—	—	—	—
7.5 kVA	115°C	7S40F	2CN73	—	—	—	—
10 kVA	115°C	10S40F	2CL96	—	—	—	—
15 kVA	115°C	15S40F	2CM35	—	—	—	—
25 kVA	115°C	25S40F	2CM75	†	—	—	—
600V AC Input							
1 kVA	115°C	1S51F	22LR47	—	—	—	—
1.5 kVA	115°C	1.5S51F	2CT02	—	—	—	—
2 kVA	115°C	2S51F	22LR49	—	—	—	—
3 kVA	115°C	3S4F	2CN19	—	—	—	—
5 kVA	115°C	5S4F	22LR55	—	—	—	—
10 kVA	115°C	10S4F	2CL97	—	—	—	—
25 kVA	150°C	EE25S3S34H	1TBRI	†	—	—	—
50 VA	55°C	50SV51A	22LR54	—	—	—	—
50 kVA	150°C	EE50S3S34H	1TBRI2	†	—	—	—
100 VA	55°C	100SV51A	22LR45	—	—	—	—
150 VA	55°C	150SV51A	22LR46	—	—	—	—
250 VA	80°C	250SV51B	22LR48	—	—	—	—
500 VA	80°C	500SV51B	22LR53	—	—	—	—
750 VA	115°C	750SV51F	22LR56	—	—	—	—

* 60/50 Hz. † NEMA 2 enclosures and floor mount.

Harmonic Mitigating Transformers

- 3Ø 480VAC input, 208Y/120VAC output
 - Floor mount
 - NEMA 3R enclosure
 - 150°C temp. rise
- Eliminates harmonics to improve power and energy efficiency. Reduce supply voltage

flat-topping, transformer heat, and voltage distortion. For use where nonlinear loads generate high levels of harmonic currents that feed back into the distribution system.



49NR92



VA Rating	Mfr. Model	Item No.
30kVA	H3030K0014BCS	49NR92
45kVA	H3045K0014BCS	49NR93
75kVA	H3075K0014BCS	49NR94
112.5kVA	H3112K0014BCS	49NR95



1H270



4LEF5

Buck-Boost Transformers

- 120/240VAC Input
 - 1-phase, 60 Hz
 - Wall mount
 - Enclosure type: indoor/outdoor
- Protect connected equipment from damage by reducing (bucking) or raising (boosting) line voltage 5% to 20%. Primary and secondary lead wires can be interconnected for use as an autotransformer. For use in induction motors and air conditioning, lighting, and heating systems. 24/48VAC output models are available on Grainger.com®. UL Listed and CSA Certified.

SQUARE D			Acme Electric			
VA Rating	Temp. Rise	Mfr. Model	Item No.	Temp. Rise	Mfr. Model	Item No.
12V AC, 24V AC Output						
1 kVA	115°C	1S43F	1H270	115°C	T111683	4LEG2
1.5 kVA	115°C	1.5S43F	2CL92	115°C	T111684	4LEG3
2 kVA	115°C	2S43F	2CM81	115°C	T111685	4LEG4
3 kVA	115°C	3S43F	2CN17	115°C	T111686	4LEG5
5 kVA	—	—	—	115°C	T111687	4LEG6
7.5 kVA	—	—	—	115°C	T211688	4LEG7
10 kVA	—	—	—	115°C	T211689	4LEG8
50 VA	115°C	50SV43A	2CN44	80°C	T181047	4LEF5
100 VA	55°C	100SV43A	1H266	80°C	T181048	4LEF6
150 VA	55°C	150SV43A	1H268	80°C	T181049	4LEF7
250 VA	80°C	250SV43B	1H271	115°C	T181050	4LEF8
500 VA	80°C	500SV43B	1H275	115°C	T181051	4LEF9
750 VA	115°C	750SV43F	1H279	115°C	T181052	4LEG1
16V AC, 32V AC Output						
1 kVA	115°C	1S46F	2CM61	115°C	T113073	4LEH6
1.5 kVA	115°C	1.5S46F	2CL93	115°C	T113074	4LEH7
2 kVA	115°C	2S46F	2CM82	115°C	T113075	4LEH8
3 kVA	115°C	3S46F	2CN18	115°C	T113076	4LEH9
5 kVA	—	—	—	115°C	T113077	4LEJ1
7.5 kVA	—	—	—	115°C	T213078	4LEJ2
10 kVA	—	—	—	115°C	T213079	4LEJ3
50 VA	115°C	50SV46A	2CN45	80°C	T181054	4LEG9
100 VA	55°C	100SV46A	2CL95	80°C	T181055	4LEH1
150 VA	55°C	150SV46A	2CM18	80°C	T181056	4LEH2
250 VA	80°C	250SV46B	1H272	115°C	T181057	4LEH3
500 VA	80°C	500SV46B	1H276	115°C	T181058	4LEH4
750 VA	115°C	750SV46F	1H280	115°C	T181059	4LEH5
24V AC, 48V AC Output						
1 kVA	115°C	1S82F	22LP78	115°C	T137920	4LEK1
1.5 kVA	115°C	1.5S82F	22LP75	115°C	T137921	4LEK2
2 kVA	115°C	2S82F	22LP80	115°C	T137922	4LEK3
3 kVA	115°C	3S82F	22LP81	115°C	T137923	4LEK4
5 kVA	—	—	—	115°C	T137924	4LEK5
7.5 kVA	—	—	—	115°C	T243570	4LEK6
10 kVA	—	—	—	115°C	T243571	4LEK7
50 VA	115°C	50SV82A	22LP83	80°C	T181061	4LEJ4
100 VA	115°C	100SV82A	22LP76	80°C	T181062	4LEJ5
150 VA	55°C	150SV82A	22LP77	80°C	T181063	4LEJ6
250 VA	80°C	250SV82B	22LP79	115°C	T181064	4LEJ7
500 VA	80°C	500SV82B	22LP82	115°C	T181065	4LEJ8
750 VA	115°C	750SV82F	22LP84	115°C	T181066	4LEJ9



Isolation Transformers

- 120VAC input/output
- Enhanced common mode surge suppression

Transformers offer line isolation and continuous line filtering to protect sensitive electronic equipment against electrical noise disturbances. Include circuit breaker. UL and C-UL Listed.



3RY96

VA Rating	No. of Outlets	H	W	D	Mfr. Model	Item No.
Isolation Transformer						
250 VA	2	4.5 in	4.75 in	7.75 in	IS-250	2KGD2
500 VA	4	5.5 in	6.25 in	8.5 in	IS-500	2KGD3
1 kVA	4	7.25 in	7.25 in	10.5 in	IS-1000	2KGD4
Hospital Grade Isolation Transformer						
250 VA	2	4.5 in	4.75 in	7.75 in	IS250HG	3RY96
500 VA	4	5.75 in	6.25 in	9.25 in	IS500HG	3RY97
1 kVA	4	7.75 in	7.75 in	10.5 in	IS1000HG	3RY98
1.8 kVA	6	7.75 in	8.25 in	12.2 in	IS1800HG	1AYB2

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