

Encapsulated Transition

ACME is excited to introduce our new line of encapsulated transformers

To ensure the best possible design and product quality, we periodically refresh our standard product lines. We are introducing an updated line of encapsulated transformers. This transition will begin Q4 2024 and continue through Q1 of next year, beginning with single phase products.

Below are the new unit PN's and dimensions. Please use this list to cross-reference the design you are currently using vs the replacement design.

All mounting dimensions remain the same to limit the impact on your installations and integrations. All electrical and thermal properties also remain the same, and the entire line continues to be UL and cUL listed.



Buck-Boost - Single Phase, 120 X 240 - 12/24V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
250VA	T181050	8.68	3.88	4.08	B1250V0280C	7.73	4.38	3.92
500VA	T181051	9.06	4.2	4.37	B1500V0280C	8.5	5	4.6
750VA	T181052	9.68	4.51	4.75	B1750V0280C	9.22	5.51	5.2
1kVA	T111683	10.5	5.13	5.5	B1001K0280C	10.5	6	5.2
1.5kVA	T111684	11.62	5.13	5.5	B1105K0280C	11	6.7	5.6
2kVA	T111685	13	5.13	5.5	B1002K0280C	12	6.7	5.6
3kVA	T111686	11.5	7.13	10.31	B1003K0280C	13.05	7.81	6.78
5kVA	T111687	14.38	7.13	10.31	B1005K0280C	13.64	9.5	8.3
7.5kVA	T211688	20.81	10.84	11.12	B1007K0280C	17.1	10.62	8.5
10kVA	T211689	20.81	11.59	11.75	B1010K0280C	17.1	11.60	10

Buck-Boost - Single Phase, 120 X 240 - 16/32V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
250VA	T181057	8.68	3.88	4.08	B1250V0290C	7.73	4.38	3.92
500VA	T181058	9.06	4.2	4.37	B1500V0290C	8.5	5	4.6
750VA	T181059	9.68	4.51	4.75	B1750V0290C	9.22	5.51	5.2
1kVA	T113073	10.5	5.13	5.5	B1001K0290C	10.5	6	5.2
1.5kVA	T113074	11.62	5.13	5.5	B1105K0290C	11	6.7	5.6
2kVA	T113075	13	5.13	5.5	B1002K0290C	12	6.7	5.6
3kVA	T113076	11.5	7.13	10.31	B1003K0290C	13.05	7.81	6.78
5kVA	T113077	14.38	7.13	10.31	B1005K0290C	13.64	9.5	8.3
7.5kVA	T213078	20.81	10.84	11.12	B1007K0290C	17.1	10.62	8.5
10kVA	T213079	20.81	11.59	11.75	B1010K0290C	17.1	11.60	10

Buck-Boost - Single Phase, 240 X 480 - 24/48V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
250VA	T181064	13	5.13	5.5	B1250V0300C	7.73	4.38	3.92
500VA	T181065	11.5	7.13	10.31	B1500V0300C	8.5	5	4.6
750VA	T181066	14.38	7.13	10.31	B1750V0300C	9.22	5.51	5.2
1kVA	T137920	6.41	3.05	3.14	B1001K0300C	10.5	6	5.2
1.5kVA	T137921	7.16	3.67	3.89	B1105K0300C	11	6.7	5.6
2kVA	T137922	7.16	3.67	3.89	B1002K0300C	12	6.7	5.6
3kVA	T137923	8.68	3.88	4.08	B1003K0300C	13.05	7.81	6.78
5kVA	T137924	9.06	4.2	4.37	B1005K0300C	13.64	9.5	8.3
7.5kVA	T243570	20.81	10.84	11.12	B1007K0300C	17.1	10.62	8.5
10kVA	T243571	20.81	11.59	11.75	B1010K0300C	17.1	11.60	10

Encapsulated Single Phase, 277/480 - 208/277V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
250V	GP12250S	8.68	3.88	4.08	T1250V0270C	7.73	4.38	3.92
500VA	GP12500S	9.06	4.2	4.37	T1500V0270C	8.5	5	4.6
1kVA	GP121000S	10.5	5.13	5.5	T1001K0270C	10.5	6	5.2
3kVA	GP123000S	11.5	7.13	10.31	T1003K0270C	13.05	7.81	6.78
5kVA	GP125000S	14.38	7.13	10.31	T1005K0270C	13.64	9.5	8.3
10kVA	GP1210000S	15.19	10.84	13.5	T1010K0270C	17.1	11.60	10
15kVA	GP1215000S	16.94	11.59	14.12	T1015K0270C	20	13.67	10.83

Encapsulated - Single Phase, 240X480 - 120/240V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
250VA	T253007S	8.68	3.88	4.08	T1250V0190C	7.73	4.38	3.92
500VA	T253008S	9.06	4.2	4.37	T1500V0190C	8.5	5	4.6
750VA	T253009S	9.68	4.5	4.75	T1750V0190C	9.22	5.51	5.2
1kVA	T253010S	10.5	5.13	5.5	T1001K0190C	10.5	6	5.2
1.5kVA	T253011S	11.62	5.13	5.5	T1105K0190C	11	6.7	5.6
2kVA	T253012S	13	5.13	5.5	T1002K0190C	12	6.7	5.6
3kVA	T2530134S	11.5	7.13	10.31	T1003K0194C	13.05	7.81	6.78
3kVA	T253013S	11.5	7.13	10.31	T1003K0190C	13.05	7.81	6.78
5kVA	T2530144S	14.38	7.13	10.31	T1005K0194C	13.64	9.5	8.3
5kVA	T253014S	14.38	7.13	10.31	T1005K0190C	13.64	9.5	8.3
7.5kVA	T2535153S	15.19	10.84	13.5	T1007K0193C	17.1	10.62	8.5
10kVA	T2535163S	15.19	10.84	13.5	T1010K0193C	17.1	11.60	10
15kVA	T2535173S	16.94	11.59	14.12	T1015K0193C	20	13.67	10.83
25kVA	T2535183S	18.44	13.34	16.13	T1020K0193C	23	14.61	12.13

Encapsulated - Single Phase, 600 - 120V/240V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
500VA	T253108S	9.06	4.2	4.37	T1500V0200C	8.5	5	4.6
750VA	T253109S	9.68	4.5	4.75	T1750V0200C	9.22	5.51	5.2
1kVA	T253110S	10.5	5.13	5.5	T1001K0200C	10.5	6	5.2
1.5kVA	T253111S	11.62	5.13	5.5	T1105K0200C	11	6.7	5.6
2kVA	T253112S	13	5.13	5.5	T1002K0200C	12	6.7	5.6
3kVA	T2531131S	11.5	7.13	10.31	T1003K0201C	13.05	7.81	6.78
5kVA	T2531141S	14.38	7.13	10.31	T1005K0201C	13.64	9.5	8.3
7.5kVA	T2536151S	15.19	10.84	13.5	T1007K0201C	17.1	10.62	8.5
10kVA	T2536161S	15.19	10.84	13.5	T1010K0201C	17.1	11.60	10
15kVA	T2536171S	16.94	11.59	14.12	T1015K0201C	20	13.67	10.83
25kVA	T2536181S	18.44	13.34	16.13	T1025K0201C	23	14.61	12.13

Encapsulated - Single Phase, 120/208/240/277 - 120/240V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
1kVA	T279740S	10.5	5.13	5.5	T1001K0220C	10.5	6	5.2
1.5kVA	T279741S	11.62	5.13	5.5	T1105K0220C	11	6.7	5.6
2kVA	T279742S	13	5.13	5.5	T1002K0220C	12	6.7	5.6
3kVA	T279743S	11.5	7.13	10.31	T1003K0220C	13.05	7.81	6.78
5kVA	T279744S	14.38	7.13	10.31	T1005K0220C	13.64	9.5	8.3
7.5kVA	T279745S	15.19	10.84	13.5	T1007K0220C	17.1	10.62	8.5
10kVA	T279746S	15.19	10.84	13.5	T1010K0220C	17.1	11.60	10
15kVA	T279747S	16.94	11.59	14.12	T1015K0220C	20	13.67	10.83
25kVA	T279748S	18.44	13.34	16.13	T1025K0220C	23	14.61	12.13

Encapsulated - Single Phase, 190/200/208/220 X 380/400/416/440 - 120/240V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
1kVA	TF217437S	10.5	5.13	5.5	T1001K0240CZ	10.5	6	5.2
2kVA	TF217439S	13	5.13	5.5	T1002K0240CZ	12	6.7	5.6
3kVA	TF249873S	11.5	7.13	10.31	T1003K0240CZ	13.05	7.81	6.78
5kVA	TF252520S	14.38	7.13	10.31	T1005K0240CZ	13.64	9.5	8.3
7.5kVA	TF252794S	15.19	10.84	13.5	T1007K0240CZ	17.1	10.62	8.5
10kVA	TF252795S	15.19	10.84	13.5	T1010K0240CZ	17.1	11.60	10
15kVA	TF252796S	16.94	11.59	14.12	T1015K0240CZ	20	13.67	10.83
25kVA	TF252797S	18.44	13.34	16.13	T1025K0240CZ	23	14.61	12.13

Encapsulated - Single Phase, 190/208/220/240 X 380/416/440/480 - 120/240V

Description	Current				NEW			
	Part Number	Height (in.)	Length (in.)	Width (in.)	Part Number	Height (in.)	Length (in.)	Width (in.)
1kVA	TF279260S	10.5	5.13	5.5	T1001K0250CZ	10.5	6	5.2
2kVA	TF279261S	13	5.13	5.5	T1002K0250CZ	12	6.7	5.6
3kVA	TF279262S	11.5	7.13	10.31	T1003K0250CZ	13.05	7.81	6.78
5kVA	TF279263S	14.38	7.13	10.31	T1005K0250CZ	13.64	9.5	8.3
7.5kVA	TF279264S	15.19	10.84	13.5	T1007K0250CZ	17.1	10.62	8.5
10kVA	TF279265S	15.19	10.84	13.5	T1010K0250CZ	17.1	11.60	10
15kVA	TF279266S	16.94	11.59	14.12	T1015K0250CZ	20	13.67	10.83
25kVA	TF279267S	18.44	13.34	16.13	T1025K0250CZ	23	14.61	12.13

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