

Sealed Single- and Three-Phase Transformers

Table 14.6: Sealed Transformers

kVA	Catalog No.	\$ Price	Full Capacity Taps	Degree C Temp. Rise	Weight (lbs) ▲	Enclosure ▼▲
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**Single Phase—240 X 480 V Primary
120/240 V Secondary; 60 Hz; cULus Listed**

0.05	50SV1A	182.00	None	55	4.2	1A
0.10	100SV1A	214.00	None	55	4.5	2A
0.15	150SV1A	254.00	None	55	6.2	3A
0.25	250SV1B	270.00	None	80	10.5	4A
0.50	500SV1B	386.00	None	80	13.8	5A
0.75	750SV1F	460.00	None	115	15.5	6A
1	1S1F	602.00	None	115	21.2	7A
1.5	1.5S1F	724.00	None	115	30.1	8A
2	2S1F	896.00	None	115	39.1	9A
3	3S1F	1144.00	None	115	60	10A
5	5S1F	1556.00	None	115	115	13B
7.5	7S1F	2188.00	None	115	135	13B
10	10S1F	2712.00	None	115	165	13B

**Single Phase—600 V Primary
120/240 V Secondary; 60 Hz; cULus Listed**

0.05	50SV51A	182.00	None	55	4.2	1A
0.10	100SV51A	214.00	None	55	4.5	2A
0.15	150SV51A	262.00	None	55	6.2	3A
0.25	250SV51B	290.00	None	80	10.5	4A
0.50	500SV51B	408.00	None	80	13.8	5A
0.75	750SV51F	486.00	None	115	15.5	6A
1	1S51F	634.00	None	115	21.2	7A
1.5	1.5S51F	758.00	None	115	30.1	8A
2	2S51F	940.00	None	115	39.1	9A
3	3S4F	1240.00	2-5%FCBN	115	60	10A
5	5S4F	1676.00	2-5%FCBN	115	115	13B
7.5	7S4F	2348.00	2-5%FCBN	115	135	13B
10	10S4F	2922.00	2-5%FCBN	115	165	13B

**Single Phase—120x240 V Primary
120/240 V Secondary; 60 Hz; cULus Listed**

1	1S6F	1090.00	None	115	21.2	7A
1.5	1.5S6F	1558.00	None	115	30.1	8A
2	2S6F	1746.00	None	115	39.1	9A
3	3S6F	1892.00	None	115	60	10A
5	5S6F	2418.00	None	115	110	13B
7.5	7S6F	3216.00	None	115	135	13B
10	10S6F	3992.00	None	115	150	13B

**Single Phase—208 V Primary
120/240 V Secondary; 60 Hz; cULus Listed**

1	1S7F	1090.00	None	115	21.2	7A
1.5	1.5S7F	1558.00	None	115	30.1	8A
2	2S7F	1746.00	None	115	39.1	9A
3	3S7F	1892.00	None	115	60	10A
5	5S7F	2418.00	None	115	110	13B
7.5	7S7F	3216.00	None	115	135	13B
10	10S7F	3992.00	None	115	150	13B

**Single Phase—277 V Primary
120/240 V Secondary; 60 Hz; cULus Listed**

1	1S8F	1090.00	None	115	21.2	7A
1.5	1.5S8F	1558.00	None	115	30.1	8A
2	2S8F	1746.00	None	115	39.1	9A
3	3S8F	1892.00	None	115	60	10A
5	5S8F	2418.00	None	115	110	13B
7.5	7S8F	3216.00	None	115	135	13B
10	10S8F	3992.00	None	115	150	13B

**Three Phase—480 V Delta Primary
208Y/120 V Secondary; 60 Hz; UL/cULus Listed;
Copper Windings**

3	3T2F	2016.00	2-5%FCBN	115	120	12C
6	6T2F	2310.00	2-5%FCBN	115	145	12C
9	9T2F	3088.00	2-5%FCBN	115	235	14C
15	15T2F	4644.00	2-5%FCBN	115	300	14C
30	30T2F	8536.00	2-5%FCBN	115	660	16C

**Three Phase—480 V Delta Primary
240 V Delta Secondary; 60 Hz; UL/cULus Listed;
Copper Windings**

3	3T5F	2016.00	2-5%FCBN	115	120	12C
6	6T5F	2310.00	2-5%FCBN	115	145	12C
9	9T75F	3088.00	4-2.5%FCBN	115	235	14C
15	15T75F	4644.00	4-2.5%FCBN	115	300	14C
30	30T75F	8536.00	4-2.5%FCBN	115	660	16C

▲ Not for construction. Contact your local Schneider Electric sales office or your local Schneider Electric distributor.

■ For enclosure styles, see Dimensions Table, on page 14-10.

NOTE: FCBN = full capacity below normal

Sealed Single-Phase Export Model Transformers

These general purpose transformers are designed to accommodate voltage systems worldwide. Export model transformers 10 kVA and smaller, certified by TUV (File no. E9571881.01) to meet EN61558-1, are CE marked in addition to being UL and cULus Listed. For CE marked transformers in other ratings, contact your nearest Schneider Electric sales office for CE marked transformers up to 300 kVA, single and three phase. See page 14-11 for optional Fingersafe® terminal block cover kit.

Table 14.7: Sealed Export Model Transformers

kVA	Catalog No.	\$ Price	Full Capacity Taps	Deg. C Temp. Rise	Weight (lbs) ◆	Enclosure ◆★
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Single Phase—190/200/208/220/380/400/416/440 V Primary; 110/220 V Secondary; 60 Hz; cULus Listed

1e	1S67F	1180.00	None	115	21.2	7A
2	2S67F	1716.00	None	115	39.1	9A
3	3S67F	2290.00	None	115	55.2	10A
5	5S67F	2554.00	None	115	135	13B
7.5	7S67F	3314.00	None	115	165	13B
10	10S67F	4004.00	None	115	165	13B

◆ Not for construction. Contact your local Schneider Electric sales office or your local Schneider Electric distributor.

★ For enclosure styles, see Dimensions Table, on page 14-10.

Sealed Single-Phase Buck and Boost Transformers

Buck and boost transformers are isolating transformers that have 120 x 240 volt primaries and either 12/24 or 16/32 volt secondaries. When used as isolating transformers they carry the full load stated on the nameplate. By special interconnection of the windings, an autotransformer is obtained.

NOTE: When used to supply a 3-phase, 4-wire load, the source must be 3-phase, 4-wire.

Table 14.8: Sealed Buck and Boost Transformers

kVA	120 x 240 V Primary 60 Hz		240 x 480 V Primary 60 Hz		Degree C Temp. Rise	Weight (lbs) ▼	Enclosure ▼▲	
	12/24 V Secondary	16/32 V Secondary	\$ Price	24/48 V Secondary				\$ Price
.05	50SV43A	50SV46A	206.00	50SV82A	284.00	55	4.2	1A
.10	100SV43A	100SV46A	246.00	100SV82A	344.00	55	4.5	2A
.15	150SV43A	150SV46A	276.00	150SV82A	386.00	55	6.2	3A
.25	250SV43B	250SV46B	328.00	250SV82B	460.00	80	10.5	4A
.50	500SV43B	500SV46B	420.00	500SV82B	588.00	80	13.8	5A
.75	750SV43F	750SV46F	552.00	750SV82F	774.00	115	15.5	6A
1.0	1S43F	1S46F	676.00	1S82F	948.00	115	21.2	7A
1.5	1.5S43F	1.5S46F	830.00	1.5S82F	1162.00	115	30.1	8A
2.0	2S43F	2S46F	1072.00	2S82F	1500.00	115	39.1	9A
3.0	3S43F	3S46F	1480.00	3S82F	2072.00	115	60	10A

▼ Not for construction. Contact your local Schneider Electric sales office or your local Schneider Electric distributor.

▲ For enclosure styles, see Dimensions Table, on page 14-10.

□ Dimensions: 14.50 (H) x 8.60 (W) x 6.50 (D).

NOTE: Refer to www.us.squared.com/buckboost for additional information.