

Epoxy Encapsulated Transformers

Single Phase

Resin-filled general purpose transformers are epoxy encapsulated. The enclosure has no openings, making resin-filled transformers ideal for use indoor or outdoor where airborne particles or contaminants could be detrimental to operation. The core-and-coil assembly is embedded in an epoxy resin compound and wall mounted for maximum protection. These units can be used outdoor without accessories. These transformers are intended for power, heating, and lighting applications.

kVA	Catalogue Number	Full Capacity Taps	Temp. Rise, °C	Weight (lbs)	Weight (kg)	Enclosure
600V - 120/240V						
.050	50SV51A	None	55	4.2	1.9	1A
.100	100SV51A	None	55	4.5	2.0	2A
.150	150SV51A	None	55	6.2	2.8	3A
.250	250SV51B	None	80	10.5	4.8	4A
.500	500SV51B	None	80	13.8	6.3	5A
.750	750SV51F	None	115	15.5	7.0	6A
1	1S51F	None	115	21.2	9.6	7A
1.5	1.5S51F	None	115	30.1	13.7	8A
2	2S51F	None	115	39.1	17.8	9A
3	3S4F	2-5% FCBN	115	60	27.3	10A
5	5S4F	2-5% FCBN	115	115	52.3	13B
7.5	7S4F	2-5% FCBN	115	135	61.4	13B
10	10S4F	2-5% FCBN	115	165	75.0	13B
15	15S4F	2-5% FCBN	115	225	102.3	15B
25	25S4F	2-5% FCBN	115	300	136.4	15B

600V - 120/240V						
3	3S42F	4-2.5% 2+2-	115	60	27.3	10A
5	5S42F	4-2.5% 2+2-	115	115	52.3	13B
7.5	7S42F	4-2.5% 2+2-	115	135	61.4	13B
10	10S42F	4-2.5% 2+2-	115	165	75.0	13B

240 X 480V - 120/240V						
.050	50SV1A	None	55	4.2	1.9	1A
.100	100SV1A	None	55	4.5	2.0	2A
.150	150SV1A	None	55	6.2	2.8	3A
.250	250SV1B	None	80	10.5	4.8	4A
.500	500SV1B	None	80	13.8	6.3	5A
.750	750SV1F	None	115	15.5	7.0	6A
1	1S1F	None	115	21.2	9.6	7A
1.5	1.5S1F	None	115	30.1	13.7	8A
2	2S1F	None	115	39.1	17.8	9A
3	3S1F	None	115	60	27.3	10A
5	5S1F	None	115	115	52.3	13B
7.5	7S1F	None	115	135	61.4	13B
10	10S1F	None	115	165	75.0	13B
15	15S1F	None	115	225	102.3	15B
25	25S1F	None	115	300	136.4	15B

kVA	Catalogue Number	Full Capacity Taps	Temp. Rise, °C	Weight (lbs)	Weight (kg)	Enclosure
120 X 240V - 120/240V						
1	1S6F	None	115	21.2	9.6	7A
1.5	1.5S6F	None	115	30.1	13.7	8A
2	2S6F	None	115	39.1	17.8	9A
3	3S6F	None	115	60.0	27.3	10A
5	5S6F	None	115	110.0	50.0	13B
7.5	7S6F	None	115	135.0	61.4	13B
10	10S6F	None	115	150.0	68.2	13B
15	15S6F	None	115	225.0	102.3	15B
25						

208V - 120/240V						
1	1S7F	None	115	21.2	9.6	7A
1.5						
2	2S7F	None	115	39.1	17.8	9A
3	3S7F	None	115	60.0	27.3	10A
5	5S7F	None	115	110.0	50.0	13B
7.5	7S7F	None	115	135.0	61.4	13B
10	10S7F	None	115	150.0	68.2	13B
15	15S7F	None	115	225.0	102.3	15B
25	25S7F	None	115	300.0	136.4	15B

277V - 120/240V						
1	1S8F	None	115	21.2	9.6	7A
1.5	1.5S8F	None	115	30.1	13.7	8A
2	2S8F	None	115	39.1	17.8	9A
3	3S8F	None	115	60.0	27.3	10A
5	5S8F	None	115	110.0	50.0	13B
7.5	7S8F	None	115	135.0	61.4	13B
10	10S8F	None	115	150.0	68.2	13B
15						
25						

- ▲ For enclosure styles, dimensions and accessories, please refer to page DE9-12.
- ■ Not for construction. Contact your local Schneider Electric sales office or your local Schneider Electric distributor.
- FCBN = Full capacity below normal.
- Copper windings
- For detailed information please refer to catalogue "Low Voltage Transformers" #7400CT9601.
- cULus listed per CSA C22.2 No. 66, UL506, NEMA ST-20.
- For other sizes, voltages and technical data, please contact your local Schneider Electric sales office or your local Schneider Electric distributor or visit www.schneider-electric.ca.