

Resin Encapsulated Three and Single Phase Transformers

Table 14.14: Resin Encapsulated Three and Single Phase Transformers

kVA	Type 3R STD			Type 3R 304 Stainless			Type 4X 304 Stainless					
	Catalog No.	Weight (lbs)[15]	Enclosure [16]	Catalog No.	Weight (lbs)[15]	Enclosure [17]	Catalog No.	Weight (lbs)[15]	Enclosure [17]	Full Capacity Taps [18]	Deg C Temp. Rise	Insulation Class
Three Phase—480 Vac Delta Primary 208Y/120 Vac Secondary, 60 Hz; UL/cULus Listed												
3	3T2F	120	12C	3T2SS	120	12C	4X3T2FSS	165	54X	2-5%FCBN	115	180
6	6T2F	145	12C	6T2SS	145	12C	4X6T2FSS	195	54X	2-5%FCBN	115	180
9	9T2F	235	14C	9T2SS	235	14C	4X9T2FSS	290	54X	2-5%FCBN	115	180
15	15T2F	300	14C	15T2SS	300	14C	4X15T2FSS	350	54X	2-5%FCBN	115	180
30	30T2F	660	16C	30T2SS	660	16C	4X30T2FSS	850	55X	2-5%FCBN	115	180
Three Phase—480 Vac Delta Primary 240 Vac Delta Secondary, 60 Hz; UL/cULus Listed												
3	3T5F	120	12C	3T5SS	120	12C	4X3T5FSS	165	54X	2-5%FCBN	115	180
6	6T5F	145	12C	6T5SS	145	12C	4X6T5FSS	195	54X	2-5%FCBN	115	180
9	9T75F	235	14C	9T75SS	235	14C	4X9T75FSS	290	54X	2-5%FCBN	115	180
15	15T75F	300	14C	15T75SS	300	14C	4X15T75FSS	350	54X	2-5%FCBN	115	180
30	30T75F	660	16C	30T75SS	660	16C	4X30T75FSS	850	55X	2-5%FCBN	115	180
Single Phase—240 x 480 Vac Primary 120/240 Vac Secondary, 60 Hz; UL/cULus Listed												
1	1S1F	21.2	7A	1S1FSS	21.2	7A	4X1S1FSS	48	51X	None	115	180
1.5	1.5S1F	30.1	8A	1.5S1FSS	30.1	8A	4X1.5S1FSS	55	51X	None	115	180
2	2S1F	39.1	9A	2S1FSS	39.1	9A	4X2S1FSS	55	51X	None	115	180
3	3S1F	60	10A	3S1FSS	60	10A	4X3S1FSS	75	52X	None	115	180
5	5S1F	115	13B	5S1FSS	115	13B	4X5S1FSS	125	52X	None	115	180
7.5	7S1F	135	13B	7S1FSS	135	13B	4X7S1FSS	150	52X	None	115	180
10	10S1F	165	13B	10S1FSS	165	13B	4X10S1FSS	180	52X	None	115	180
15	15S1F	225	15B	15S1FSS	225	15B	4X15S1FSS	390	53X	None	115	180
25	25S1F	300	15B	25S1FSS	300	15B	4X25S1FSS	450	53X	None	115	180
Single Phase—480 Vac Primary 120/240 Vac Secondary, 60 Hz; UL/cULus Listed												
1	1S40F	21.2	7A	1S40FSS	21.2	7A	4X1S40FSS	48	51X	2-5%FCBN	115	180
1.5	1.5S40F	30.1	8A	1.5S40FSS	30.1	8A	4X1.5S40FSS	55	51X	2-5%FCBN	115	180
2	2S40F	39.1	9A	2S40FSS	39.1	9A	4X2S40FSS	55	51X	2-5%FCBN	115	180
3	3S40F	60	10A	3S40FSS	60	10A	4X3S40FSS	75	52X	2-5%FCBN	115	180
5	5S40F	115	13B	5S40FSS	115	13B	4X5S40FSS	125	52X	2-5%FCBN	115	180
7.5	7S40F	135	13B	7S40FSS	135	13B	4X7S40FSS	150	52X	2-5%FCBN	115	180
10	10S40F	165	13B	10S40FSS	165	13B	4X10S40FSS	180	52X	2-5%FCBN	115	180
15	15S40F	225	15B	15S40FSS	225	15B	4X15S40FSS	390	53X	2-5%FCBN	115	180
25	25S40F	300	15B	25S40FSS	300	15B	4X25S40FSS	450	53X	2-5%FCBN	115	180
Single Phase—600 Vac Primary 120/240 Vac Secondary, 60 Hz; UL/cULus Listed												
1	1S51F	21.2	7A	1S51FSS	21.2	7A	4X1S51FSS	48	51X	None	115	180
1.5	1.5S51F	30.1	8A	1.5S51FSS	30.1	8A	4X1.5S51FSS	55	51X	None	115	180
2	2S51F	39.1	9A	2S51FSS	39.1	9A	4X2S51FSS	55	51X	None	115	180
3	3S4F	60	10A	3S4FSS	60	10A	4X3S4FSS	75	52X	2-5%FCBN	115	180
5	5S4F	115	13B	5S4FSS	115	13B	4X5S4FSS	125	52X	2-5%FCBN	115	180
7.5	7S4F	135	13B	7S4FSS	135	13B	4X7S4FSS	150	52X	2-5%FCBN	115	180
10	10S4F	165	13B	10S4FSS	165	13B	4X10S4FSS	180	52X	2-5%FCBN	115	180
15	15S4F	225	15B	15S4FSS	225	15B	4X15S4FSS	390	53X	2-5%FCBN	115	180
25	25S4F	300	15B	25S4FSS	300	15B	4X25S4FSS	450	53X	2-5%FCBN	115	180
Single Phase—208 Vac Primary 120/240 Vac Secondary, 60 Hz; UL/cULus Listed												
1	1S7F	21.2	7A	1S7FSS	21.2	7A	4X1S7FSS	48	51X	None	115	180
1.5	1.5S7F	30.1	8A	1.5S7FSS	30.1	8A	4X1.5S7FSS	55	51X	None	115	180
2	2S7F	39.1	9A	2S7FSS	39.1	9A	4X2S7FSS	55	51X	None	115	180
3	3S60F	60	10A	3S60FSS	60	10A	4X3S60FSS	75	52X	2-5%FCBN	115	180
5	5S60F	115	13B	5S60FSS	115	13B	4X5S60FSS	125	52X	2-5%FCBN	115	180
7.5	7S60F	135	13B	7S60FSS	135	13B	4X7S60FSS	150	52X	2-5%FCBN	115	180
10	10S60F	165	13B	10S60FSS	165	13B	4X10S60FSS	180	52X	2-5%FCBN	115	180
15	15S60F	225	15B	15S60FSS	225	15B	4X15S60FSS	390	53X	2-5%FCBN	115	180
25	25S60F	300	15B	25S60FSS	300	15B	4X25S60FSS	450	53X	2-5%FCBN	115	180
Single Phase—277 Vac Primary 120/240 Vac Secondary, 60 Hz; UL/cULus Listed												
1	1S8F	21.2	7A	1S8FSS	21.2	7A	4X1S8FSS	48	51X	None	115	180
1.5	1.5S8F	30.1	8A	1.5S8FSS	30.1	8A	4X1.5S8FSS	55	51X	None	115	180
2	2S8F	39.1	9A	2S8FSS	39.1	9A	4X2S8FSS	55	51X	None	115	180
3	3S61F	60	10A	3S61FSS	60	10A	4X3S61FSS	75	52X	2-5%FCBN	115	180
5	5S61F	115	13B	5S61FSS	115	13B	4X5S61FSS	125	52X	2-5%FCBN	115	180
7.5	7S61F	135	13B	7S61FSS	135	13B	4X7S61FSS	150	52X	2-5%FCBN	115	180
10	10S61F	165	13B	10S61FSS	165	13B	4X10S61FSS	180	52X	2-5%FCBN	115	180
15	15S61F	225	15B	15S61FSS	225	15B	4X15S61FSS	390	53X	2-5%FCBN	115	180
25	25S61F	300	15B	25S61FSS	300	15B	4X25S61FSS	450	53X	2-5%FCBN	115	180

Table 14.15: Single-Phase—120/240 Vac Secondary 60 Hz; cULus Listed

kVA	240 x 480 Primary Catalog No.	Weight (lbs) [15]	Enclosure [17]	600 Primary Catalog No.	Weight (lbs) [15]	Enclosure [17]	Full Capacity Taps	Degree C Temperature Rise	Insulation Class
0.05	50SV1A	4.2	1A	50SV51A	4.2	1A	None	55	105
0.1	100SV1A	4.5	2A	100SV51A	4.5	2A	None	55	105
0.15	150SV1A	6.2	3A	150SV51A	6.2	3A	None	55	105
0.25	250SV1B	10.5	4A	250SV51B	10.5	4A	None	80	130
0.5	500SV1B	13.8	5A	500SV51B	13.8	5A	None	80	130
0.75	750SV1F	15.5	6A	750SV51F	15.5	6A	None	115	180

[15] Not for construction, Contact your local Schneider Electric representative for certified prints.
 [16] For enclosure styles, see Table 14.8 Enclosure Dimensions and Accessories, page 14-8
 [17] For enclosure styles, see Table 14.17 Enclosure Dimensions, page 14-12
 [18] FCBN = Full Capacity Below Normal.