

Type T and MultiTap™ Transformers

Type T transformers are designed with low impedance windings for excellent voltage regulation and can accommodate the high inrush current associated with contactors, starters, solenoids, and relays. As the most popular and complete line of control transformers with unmatched design innovations for top performance, Type Ts are manufactured using the most advanced insulating materials and are the best choice if size and cost are of concern. It is available in the MultiTap version, designed to respond to the increased need for voltage and stock flexibility. It combines multiple primary voltages with one or more secondary voltages, all in a single transformer.

Table 14.36: Type T Transformers

VA UL/CSA/ NOM	VA CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
				In.	mm	In.	mm	In.	mm	
Primary 240 V x 480 V Secondary 120 V; Primary 230 V x 460 V Secondary 115 V; or Primary 220 V x 440 V Secondary 110 V										
25	25	9070T25D1	111.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
50	50	9070T50D1	116.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D1	138.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D1	155.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D1	165.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D1	204.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D1	239.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D1	264.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D1	281.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D1	350.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D1	483.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D1	585.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D1	837.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D1	1017.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D1	1412.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D1	2373.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0
Primary 208 V Secondary 120 V										
50	50	9070T50D3	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D3	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D3	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D3	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D3	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D3	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D3	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D3	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D3	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D3	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D3	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D3	1170.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D3	1358.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D3	1914.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D3	3015.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0
Primary 600 V Secondary 120/240 V; Primary 575 V Secondary 115/230 V										
50	50	9070T50D5	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D5	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D5	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D5	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D5	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D5	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D5	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D5	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D5	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D5	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D5	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D5	1170.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D5	1394.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D5	1914.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D5	3015.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0
Primary 240 V X 480 V Secondary 24/120 V (24 V limited to 20% Capacity)										
50	50	9070T50D15	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D15	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D15	207.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D15	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D15	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D15	372.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D15	435.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D15	455.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D15	509.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D15	710.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D15	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D15	1224.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D15	1358.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D15	2229.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D15	3015.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0

VA UL/CSA/ NOM	VA CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
				In.	mm	In.	mm	In.	mm	
Primary 277 V Secondary 120 V										
50	50	9070T50D4	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D4	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D4	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D4	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D4	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D4	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D4	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D4	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D4	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D4	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D4	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D4	1170.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D4	1358.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D4	1914.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D4	3015.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0
Primary 240 V x 480 V Secondary 120/240 V; Primary 230 V x 460 V Secondary 115/230 V; or Primary 220 V x 440 V Secondary 110/220 V										
50	50	9070T50D31	188.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D31	197.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D31	207.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D31	273.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D31	353.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D31	372.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D31	435.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D31	455.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D31	509.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D31	710.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D31	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1500	1000	9070T1500D31	1224.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0
2000	1500	9070T2000D31	1358.00	6.16	156.5	7.06	179.3	7.04	178.8	47.0
3000	2000	9070T3000D31	2229.00	8.46	214.9	9.00	228.6	6.86	174.2	60.0
5000	3000	9070T5000D31	3015.00	8.46	214.9	9.00	228.6	8.73	221.7	89.0
Primary 120 V x 240 V Secondary 120/240 V; Primary 115 V x 230 V Secondary 115/230 V; or Primary 110 V x 220 V Secondary 110/220 V										
50	50	9070T50D55	468.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D55	486.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D55	489.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D55	522.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D55	713.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D55	716.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1

VA UL/CSA/ NOM	VA CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
				In.	mm	In.	mm	In.	mm	
Primary 240 V x 480 V Secondary 24 V										
50	50	9070T50D2	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D2	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D2	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D2	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D2	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D2	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D2	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D2	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D2	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D2	471.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D2	665.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

Primary 120 V Secondary 12/24 V										
50	50	9070T50D13	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D13	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D13	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D13	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D13	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D13	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D13	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D13	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D13	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D13	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D13	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

Primary 120 V x 240 V Secondary 24 V										
50	50	9070T50D23	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D23	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D23	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D23	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D23	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D23	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D23	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D23	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D23	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D23	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D23	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

Primary 208 V Secondary 24 V										
50	50	9070T50D14	135.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D14	162.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D14	182.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D14	230.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D14	293.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D14	363.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D14	372.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D14	432.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D14	471.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D14	665.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D14	837.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

Primary 277 V Secondary 24 V										
50	50	9070T50D25	468.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D25	486.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D25	489.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D25	522.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D25	713.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D25	716.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D25	722.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D25	725.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D25	747.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D25	840.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D25	891.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

Primary 600 V Secondary 12/24 V										
50	50	9070T50D36	468.00	2.58	65.5	3.00	76.2	3.09	78.5	2.5
75	75	9070T75D36	486.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
100	100	9070T100D36	489.00	2.89	73.4	3.38	85.8	3.34	84.8	3.8
150	150	9070T150D36	522.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D36	713.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
250	160	9070T250D36	716.00	3.25	82.6	3.75	95.3	5.25	133.4	7.1
300	200	9070T300D36	722.00	3.80	96.5	4.50	114.3	4.70	119.4	8.5
350	250	9070T350D36	725.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
500	300	9070T500D36	747.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
750	500	9070T750D36	840.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
1000	630	9070T1000D36	891.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6

VA UL/CSA/ NOM	VA CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
				In.	mm	In.	mm	In.	mm	
Primary 208/277/380 V Secondary 95/115 V										
50	50	9070T50D18	188.00	2.89	73.4	3.38	85.8	3.34	84.8	4.0
75	75	9070T75D18	197.00	2.89	73.4	3.38	85.8	3.34	84.8	5.5
100	100	9070T100D18	207.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
150	150	9070T150D18	273.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D18	353.00	3.25	82.6	3.75	95.3	5.25	133.4	8.5
250	160	9070T250D18	372.00	3.80	96.5	4.50	114.3	4.70	119.4	10.5
300	200	9070T300D18	435.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
350	250	9070T350D18	455.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
500	300	9070T500D18	509.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
750	500	9070T750D18	710.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1000	630	9070T1000D18	837.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0

Primary 208/230/460 V Secondary 115 V										
50	50	9070T50D20	188.00	2.89	73.4	3.38	85.8	3.34	84.8	4.0
75	75	9070T75D20	197.00	2.89	73.4	3.38	85.8	3.34	84.8	5.5
100	100	9070T100D20	207.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
150	150	9070T150D20	273.00	3.20	81.3	3.75	95.3	3.59	91.2	5.5
200	200	9070T200D20	353.00	3.25	82.6	3.75	95.3	5.25	133.4	8.5
250	160	9070T250D20	372.00	3.80	96.5	4.50	114.3	4.70	119.4	10.5
300	200	9070T300D20	435.00	3.80	96.5	4.50	114.3	5.09	129.3	10.5
350	250	9070T350D20	455.00	3.80	6.5	4.50	114.3	5.46	138.7	11.9
500	300	9070T500D20	509.00	4.43	112.5	5.25	133.4	5.66	143.8	11.0
750	500	9070T750D20	710.00	4.43	112.5	5.25	133.4	6.04	153.4	20.6
1000	630	9070T1000D20	837.00	6.16	156.5	7.06	179.3	5.81	147.6	34.0

Primary 240/480/600 V Secondary 100/120 V										
50	50	9070T50D32	188.00	2.89	73.4	3.38	85.8	3.34	84.8	4.0
75	75	9070T75D32	197.00	2.89	73.4	3.38				

Type TF Transformers

Schneider Electric offers Type TF transformers with factory-installed overcurrent protection fuse blocks. The Type TF transformer consists of two primary fuse blocks and one secondary fuse block, a configuration that meets the majority of overcurrent needs by panel builders and machinery OEMs.

Since the fuse blocks are pre-wired and mounted on top of the transformer, the Type TF transformer has the same footprint as the Type T transformer. This design frees up space normally used for separate fuse blocks.

Schneider Electric also offers an extensive fuse block offering for custom applications.

Table 14.37: Type TF Transformers

UL/CSA/NOM	VA	CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
					In.	mm	In.	mm	In.	mm	
Primary 240 V x 480 V Secondary 120 V; Primary 230 V x 460 V Secondary 115 V; or Primary 220 V x 440 V Secondary 110 V											
25	25		9070TF25D1	110.00	4.00	101.6	3.00	76.2	3.09	78.5	2.5
50	50		9070TF50D1	165.00	4.00	101.6	3.00	76.2	3.84	78.5	2.5
75	75		9070TF75D1	185.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
100	100		9070TF100D1	201.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
150	150		9070TF150D1	213.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D1	255.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
250	160		9070TF250D1	287.00	4.55	115.6	3.75	95.3	5.25	133.4	7.1
300	200		9070TF300D1	312.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
350	250		9070TF350D1	330.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
500	300		9070TF500D1	395.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
750	500		9070TF750D1	531.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
1000	630		9070TF1000D1	639.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
1500	1000		9070TF1500D1	884.00	7.46	189.5	7.06	179.3	5.81	147.6	34.0
2000	1500		9070TF2000D1	1065.00	7.46	189.5	7.06	179.3	7.04	178.8	47.0
Primary 208 V Secondary 120 V											
50	50		9070TF50D3	185.00	4.00	101.6	3.00	76.2	3.84	78.5	2.5
75	75		9070TF75D3	230.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
100	100		9070TF100D3	276.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
150	150		9070TF150D3	287.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D3	293.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
250	160		9070TF250D3	381.00	4.55	115.6	3.75	95.3	5.25	133.4	7.1
300	200		9070TF300D3	426.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
350	250		9070TF350D3	522.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
500	300		9070TF500D3	696.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
750	500		9070TF750D3	807.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
1000	630		9070TF1000D3	906.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
1500	1000		9070TF1500D3	1209.00	7.46	189.5	7.06	179.3	5.81	147.6	34.0
2000	1500		9070TF2000D3	1352.00	7.46	189.5	7.06	179.3	7.04	178.8	47.0
Primary 240 V x 480 V Secondary 120/240 V; Primary 230 V x 460 V Secondary 115/230 V; or Primary 220 V x 440 V Secondary 110/220 V											
50	50		9070TF50D31	548.00	4.00	101.6	3.00	76.2	3.84	78.5	2.5
75	75		9070TF75D31	560.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
100	100		9070TF100D31	563.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
150	150		9070TF150D31	581.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D31	779.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
250	160		9070TF250D31	792.00	4.55	115.6	3.75	95.3	5.25	133.4	7.1
300	200		9070TF300D31	795.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
350	250		9070TF350D31	804.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
500	300		9070TF500D31	821.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
750	500		9070TF750D31	875.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
1000	630		9070TF1000D31	951.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
1500	1000		9070TF1500D31	1320.00	7.46	189.5	7.06	179.3	5.81	147.6	34.0
2000	1500		9070TF2000D31	1409.00	7.46	189.5	7.06	179.3	7.04	178.8	47.0
Primary 208/277/380 V Secondary 95/115 V											
50	50		9070TF50D18	548.00	4.00	101.6	3.00	76.2	3.84	78.5	4.0
75	75		9070TF75D18	554.00	4.25	107.9	3.38	85.8	3.34	84.8	5.5
100	100		9070TF100D18	588.00	4.25	107.9	3.38	85.8	3.34	84.8	5.5
150	150		9070TF150D18	624.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D18	833.00	4.55	115.6	3.75	95.3	3.59	91.2	8.5
250	160		9070TF250D18	846.00	4.55	115.6	3.75	95.3	5.25	133.4	10.5
300	200		9070TF300D18	855.00	5.10	129.6	4.50	114.3	4.70	119.4	10.5
350	250		9070TF350D18	957.00	5.10	129.6	4.50	114.3	5.09	129.3	11.9
500	300		9070TF500D18	1380.00	5.10	129.6	4.50	114.3	5.46	138.7	11.0
750	500		9070TF750D18	1580.00	5.73	145.6	5.25	133.4	5.66	143.8	20.6
1000	630		9070TF1000D18	1988.00	5.73	145.6	5.25	133.4	6.04	153.4	34.0

UL/CSA/NOM	VA	CE	Catalog No.	\$ Price	H		W		D		Weight (lbs)
					In.	mm	In.	mm	In.	mm	
Primary 208/230/460 V Secondary 115 V											
50	50		9070TF50D20	270.00	4.25	107.9	3.38	87.1	3.34	106.4	4.0
75	75		9070TF75D20	293.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
100	100		9070TF100D20	360.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
150	150		9070TF150D20	443.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D20	497.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
250	160		9070TF250D20	548.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
300	200		9070TF300D20	563.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
350	250		9070TF350D20	585.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
500	300		9070TF500D20	608.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
750	500		9070TF750D20	951.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
1000	630		9070TF1000D20	1320.00	7.46	189.5	7.06	179.3	5.81	147.6	34.0
Primary 230/460/575 V Secondary 95/115 V											
50	50		9070TF50D32	600.00	4.25	107.9	3.38	87.1	3.34	106.4	4.0
75	75		9070TF75D32	617.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
100	100		9070TF100D32	620.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
150	150		9070TF150D32	624.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D32	833.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
250	160		9070TF250D32	846.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
300	200		9070TF300D32	866.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
350	250		9070TF350D32	866.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
500	300		9070TF500D32	869.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
750	500		9070TF750D32	1380.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
1000	630		9070TF1000D32	1380.00	7.46	189.5	7.06	179.3	5.81	147.6	34.0
Primary 600 V Secondary 120/240 V; Primary 575 V Secondary 115/230 V											
50	50		9070TF50D37	195.00	4.00	101.6	3.00	76.2	3.09	78.5	2.5
75	75		9070TF75D37	384.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
100	100		9070TF100D37	394.00	4.25	107.9	3.38	85.8	3.34	84.8	3.8
150	150		9070TF150D37	452.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
200	200		9070TF200D37	498.00	4.55	115.6	3.75	95.3	3.59	91.2	5.5
250	160		9070TF250D37	564.00	4.55	115.6	3.75	95.3	5.25	133.4	7.1
300	200		9070TF300D37	570.00	5.10	129.6	4.50	114.3	4.70	119.4	8.5
350	250		9070TF350D37	570.00	5.10	129.6	4.50	114.3	5.09	129.3	10.5
500	300		9070TF500D37	638.00	5.10	129.6	4.50	114.3	5.46	138.7	11.9
750	500		9070TF750D37	668.00	5.73	145.6	5.25	133.4	5.66	143.8	11.0
1000	630		9070TF1000D37	920.00	5.73	145.6	5.25	133.4	6.04	153.4	20.6
Primary 240/416/480/600 V Secondary 99/120/130 V; Primary 230/400/460/575 V Secondary 95/115/125 V Primary 220/380/440/550 V Secondary 90/110/120 V; Primary 208/360/416/520 V Secondary 85/104/115 V											
50	50		9070TF50D50	274.00							

Accessories

The Type T control transformers offer multiple field installable accessories:

Table 14.38: Fingersafe® Covers (Not Supplied with Unit)

Type	Type Accessory Key ▲			Description	\$ Price Each	Order Qty.	Order \$ Price
	I	II	III, IV				
FSC1	T25-T1200	T25-T1150	—	2 covers per kit	21.00	10	210.00
FSC2	T250-T5000	T250-T5000	—	2 covers per kit	30.00	10	300.00
FSC23	—	—	T25-T5000	2 covers per kit	30.00	10	300.00

▲ Kits must be ordered separately. Also supplied in bulk packages of 100 individual covers. Add "B" to Type number (available only on FSC1B and FSC2B).

Table 14.39: Separate NEMA 1 Enclosures for Transformers

Class 9991 Type	For Use With
UE7	EO1, EO17, T50
LG1	EO2, EO3, EO4, EO15, EO16, EO18, EO19, T75, T100, T150, T200, T250, T300, T350, T500
SDG4	EO51, EO61, T750, T1000, EO71

NOTE: User must drill mounting holes. See pages 16-106 and 16-107 for dimensions.

Table 14.40: Jumper Kits

Catalog No.	Type Accessory Key			Description	\$ Price Each	Order Qty.	Order \$ Price
	I	II	III, IV				
3003302753	T25-T200	T25-T150	—	Two jumpers per bag	8.00	50	400.00
3003302754	T250-T5000	T200-T3000	T25-T3000	Minimum order of 50 kits	5.00	50	250.00

NOTE: Jumpers are supplied with voltage codes that require them. If additional kits are required, order per above chart.

Table 14.41: Fuse Pullers (For Use on TF and FB Accessory)

Catalog No.	\$ Price Each	Order Qty.	Order \$ Price
9070FP1	33.00	10	330.00

Field Installed Fuse Options

Table 14.42: Primary and Secondary Fusing

Type	Type Accessory Key			Description	\$ Price Each	Order Qty.	Order \$ Price
	I	II	III, IV				
FB3A	25-200	25-150	—	Three pole fuse block for primary and secondary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (2 rejection and 1 non-rejection)	87.00	1	87.00
FB3B	250-2000	200-2000	25-2000	Three pole fuse block for primary and secondary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (2 rejection and 1 non-rejection)	87.00	1	87.00

Table 14.43: Primary Fusing

Type	Type Accessory Key			Description	\$ Price Each	Order Qty.	Order \$ Price
	I	II	III, IV				
FB2A	25-200	25-150	—	Two pole fuse block for primary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (2 rejection)	75.00	1	75.00
FB2B	250-2000	200-2000	25-2000	Two pole fuse block for primary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (2 rejection)	75.00	1	75.00

Table 14.44: Field-Installable Secondary Fuse Clips

Type	Type Accessory Key ◆			Description	\$ Price Each	Order Qty.	Order \$ Price
	I	II	III, IV				
SF25A	25-200	25-150	—	Secondary fuse block accommodates 1-1/4 x 1/4 inch fuse	21.00	10	210.00
SF25B	250-2000	200-2000	25-2000	Secondary fuse block accommodates 1-1/4 x 1/4 inch fuse	21.00	10	210.00
SF41A ■	25-200	25-150	—	Secondary fuse clip accommodates 1-1/2 x 13/32 inch midget fuse	18.00	10	180.00
SF41B ■	250-2000	200-2000	25-2000	Secondary fuse clip accommodates 1-1/2 x 13/32 inch midget fuse	18.00	10	180.00
FB1A	25-200	25-150	—	One pole fuse block for secondary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (1 non-rejection)	53.00	1	53.00
FB1B	250-2000	200-2000	25-2000	One pole fuse block for secondary fusing, accommodates 1-1/2 x 13/32 inch midget fuse (1 non-rejection)	53.00	1	53.00

■ SF41 can be installed on the following voltage codes: D1, D5, D24, D3, D4, D51, D2, D23, D14, D25, D20, D95, D19, D22, D36.
◆ I = voltage codes D1, D2, D3, D4, D5, D12, D13, D14, D15, D23, D24, D25, D31, D32, D33, D36, D5
II = voltage codes D18, D20
III, IV = voltage codes D19, D50

Selection Guide

1. Determine inrush and sealed VA of each coil in the control circuit and VA of all other components.
2. Total all sealed VA of all operating coils and other loads VA (determines minimal VA size required for the circuit).
3. Total the inrush VA of all coils that are starting at the same time and all loads and coils that are running (using the regulation chart to give possible units to be used).
4. Take VA size from step two, go to standard VA size in chart. Make sure inrush VA from chart is greater than total VA from step three. (If not, go to next larger VA size and repeat.)

If your supply voltage is stable and fluctuates less than 5%, Schneider Electric recommends you use the 90% secondary voltage column. If your supply voltage is not stable and fluctuates more than 10% we recommend you use the 95% secondary voltage column. We recommend that you never use the 85% secondary voltage column since magnetic devices lose life expectancy if they are continuously started at 85% of rated voltage.

Table 14.45: Regulation Chart for Type T

VA	Inrush VA @ 20% power factor			Inrush VA @ 40% power factor		
	95% Secondary Voltage	90% Secondary Voltage	85% Secondary Voltage	95% Secondary Voltage	90% Secondary Voltage	85% Secondary Voltage
50	193	266	339	151	215	282
75	271	396	20	210	318	430
100	339	499	659	266	404	549
150	666	893	1120	529	731	942
200	588	815	1041	459	659	866
250	1416	1910	2388	1057	1494	1936
300	1634	2184	2709	1194	1681	2169
350	1894	2592	3261	1392	2005	2621
500	3197	4104	4981	2374	3195	4019
750	3770	5515	7231	2887	4391	5945
1000	6587	9079	11430	4706	6886	9051
1500	19324	23983	28607	15066	19361	23756
2000	31384	38777	6161	24794	31630	38667
3000	26539	39934	52713	19355	30721	42216
5000	53111	85265	116277	39368	66309	93882

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