Section 6
Transformers

Enclosure Dimensions and Accessories [1]

Enclosure Number/ Style		Height		Width		Depth		Mounting	Weather-shield	Wall Mounting Bracket	Ceiling Mounting Bracket	Insulation Class °C
		In.	mm	In.	mm	In.	mm					
1	A	5.00	127	4.47	114	3.44	87	Wall	[2]	[3]	—	105
2		5.50	140								—	
3		5.00	127	4.85	123	3.75	95				—	
4		5.50	140	5.23	133	4.06	103				—	130
5		6.19	157	6.19	157	4.69	119				—	
6		6.69	170								—	180
7		8.13	270	6.94	176	5.31	135				—	
8		8.25	210	8.68	220	6.56	167				—	
9		9.56	243								—	
10		10.50	267	8.62	219	6.50	165				—	
11		12.56	319								—	
12	C	13.50	343	14.75	375	9.00	229				—	
13	B	14.75	375	9.75	248	11.75	298				—	
14	C	14.75	375	19.10	485	12.25	311				—	
15	B	20.00	508	15.00	381	13.50	343				—	
16	C	22.00	559	25.00	635	13.50	343				—	
17	D	27.00	686	20.00	508	16.00	406	Floor	WS363	WMB361362	CMB363	220
	E								[4]			
	H	37.00	940			16.00	406		WS363			
18	D	30.00	762			20.00	508					
	E	30.00	762			20.00	508		[4]			
	H	37.00	940			20.00	508		WS363			
19	D	30.00	762	30.00	762	20.00	508		WS364	WMB363364	CMB364	
	E					20.00	508		[4]			
20	D	37.00	940			20.00	508		WS364			
	E					20.00	508		[4]			
21	D					24.00	610		WS364	—		
	E					24.00	610		[4]	—		
22	D	43.75	1111	32.00	813	27.00	686		WS380	—	CMB380	
	E					27.00	686		[4]	—		
23	E	48	1219	48	1219	29.5	749		[4]	—	—	
24	D	49.5	1257	35	889	28.5	724		WS381	—	CMB381	
	E								Note 5	—		
25	D			41	1041	32	813		WS382	—	—	
	E								[4]	—	—	
26	D	57.5	1461						WS382	—	—	
28	D	60	1524	56	1422	36	914		WS370A	—	—	
	E								[4]	—	—	
29	D	68	1727						WS370A	—	—	
30	D	71	1803	48	1219				WS383	—	—	
	E								[4]	—	—	
31	D	74	1880	56	1422	40.5	1029		WS384	—	—	
	E								[4]	—	—	
32	F	91.5	2388	72	1829	54	1372		[5]	—	—	
33		94	2388							—	—	
34				84	2134					—	—	
35				96	2438					—	—	
36	D	40.5	1031	36.5	916	21.75	553			—	—	
37		51.5	1310	40.5	1031	26.5	674			—	—	
38		66	1679	50.5	1285	32	814			—	—	
39	F	90	2290	80	2036	50	1272			—	—	
40				90	2290					—	—	
41		100	2545	100	2545	60	1527			—	—	
42		108	2748	108	2748					—	—	
43		90	2290	64	1628	44	1120			—	—	
44				72	1832	50	1272			—	—	
45	D	80	2036	64	1628	44	1120			—	—	
51	X	9.5	24	10	25	7.75	20	Wall	[6]	[3]	—	180
52		12	30	13.75	35	13.75	35				—	
53		24	61	21.5	55	16.38	42				—	
54		23	58	25.5	65	13.75	35				—	
55		31.5	80	31.5	80	16.25	41				—	
61 62 63	HX	Contact your local Schneider Electric representative for details.										

NOTE: Wall mounting brackets are used with units weighing no more than 700 lbs. Ceiling mounting brackets are used with units weighing no more than 1200 lbs. Weathershields are available for units 600 Volts and below. For 2.4, 5, and 15 kV units suitable for outdoor use, contact the factory.

[1] These dimensions are not for construction. Contact your local Schneider Electric representative for certified prints.
[2] Transformer is NEMA Type 3R Standard. Weathershield not required for outdoor use.
[3] Wall mounting brackets are a standard part of transformer enclosure. Accessory not required.
[4] Indoor/outdoor enclosure standard. Weathershield not required.
[5] Special outdoor construction required for NEMA Type 3R applications. Contact your local Schneider Electric representative for details.
[6] Transformer is NEMA Type 4X Standard. Weathershield not required.

Drive Isolation Transformers

Special design considerations must be made for the requirements of both adjustable frequency and dc motor drive power isolation. Allowance for high surge, harmonic and offset currents are taken into account in the design of Square D™ brand drive isolation transformers. Drive isolation transformers are not shielded isolation transformers, but act to lessen transient generation into the supply power and act as a buffer for SCR current surges.

Table 6.1: Three-Phase 60 Hz; Class B (IEEE Standard 597-1983); 460 V Delta Primary

kVA	Catalog No.	Full Capacity Taps	Weight (lbs) *[1]*	Enclosure *[1][2]*
460 V Delta Primary, 460Y/265 V Secondary, 150°C Rise				
7.5	7T145HDIT	2–5%1 + 1–	180	17D
11	11T145HDIT			
15	15T145HDIT		190	
20	20T145HDIT		210	
27	27T145HDIT		250	
34	34T145HDIT		295	18D
40	40T145HDIT		350	
51	51T145HDIT		445	20D
63	63T145HDIT		465	
75	75T145HDIT		550	
93	93T145HDIT		845	22D
118	118T145HDIT		920	
145	145T145HDIT		1025	
175	175T145HDIT		1120	25D
220	220T145HDIT		1200	
275	275T145HDIT		1500	
330	330T145HDIT		1390	
440	440T145HDIT		2700	30D
550	550T145HDIT		3800	
460 V Delta Primary, 230Y/132 V Secondary, 150°C Rise				
7.5	7T144HDIT	2–5%1 + 1–	180	17D
11	11T144HDIT			
15	15T144HDIT		190	
20	20T144HDIT		210	
27	27T144HDIT		250	
34	34T144HDIT		295	18D
40	40T144HDIT		350	
51	51T144HDIT		445	20D
63	63T144HDIT		465	
75	75T144HDIT		550	
93	93T144HDIT		845	22D
118	118T144HDIT		920	
145	145T144HDIT		1025	
175	175T144HDIT		1120	25D
220	220T144HDIT		1200	
275	275T144HDIT		1500	
330	330T144HDIT		1390	
440	440T144HDIT		2700	30D
550	550T144HDIT		3800	

Table 6.2: Three-Phase 60 Hz; Class B (IEEE Standard 597-1983); 230 V Delta Primary

kVA	Catalog No.	Full Capacity Taps	Weight (lbs) *[1]*	Enclosure *[1][2]*
230 V Delta Primary, 460Y/265 V Secondary, 150°C Rise				
7.5	7T143HDIT	2–5%1 + 1–	180	17D
11	11T143HDIT			
15	15T143HDIT		190	
20	20T143HDIT		210	
27	27T143HDIT		250	
34	34T143HDIT		295	18D
40	40T143HDIT		350	
51	51T143HDIT		445	20D
63	63T143HDIT		465	
75	75T143HDIT		550	
93	93T143HDIT		845	22D
118	118T143HDIT		920	
145	145T143HDIT		1025	
175	175T143HDIT		1120	25D
220	220T143HDIT		1200	
275	275T143HDIT		1500	
330	330T143HDIT		1390	
440	440T143HDIT		2700	30D
550	550T143HDIT		3800	
230 V Delta Primary, 230Y/132 V Secondary, 150°C Rise				
7.5	7T142HDIT	2–5%1 + 1–	180	17D
11	11T142HDIT			
15	15T142HDIT		190	
20	20T142HDIT		210	
27	27T142HDIT		250	
34	34T142HDIT		295	18D
40	40T142HDIT		350	
51	51T142HDIT		445	20D
63	63T142HDIT		465	
75	75T142HDIT		550	
93	93T142HDIT		845	22D
118	118T142HDIT		920	
145	145T142HDIT		1025	
175	175T142HDIT		1120	25D
220	220T142HDIT		1200	
275	275T142HDIT		1500	
330	330T142HDIT		1390	
440	440T142HDIT		2700	30D
550	550T142HDIT		3800	

NOTE: Lugs are furnished by customer.

[1] Not for construction. Contact your nearest Schneider Electric sales office for certified prints.
[2] For enclosure styles, see the dimensions table in Digest Section for Transformers.

Open Core and Coil Transformers Designed for General Applications for 600 V and Below

Units are designed with 220 °C insulation, aluminum windings, top terminations, compact design to save space, and are UL component recognized for:

- Non-energy efficiency (less than 15 kVA)
  Single-phase 5–10 VA
  Three-phase 3–9 VA
- Energy efficiency (meets Table 4-2 of NEMA TP1–2002)
  Single-phase 15–75 kVA
  Three-phase 15–112.5 kVA

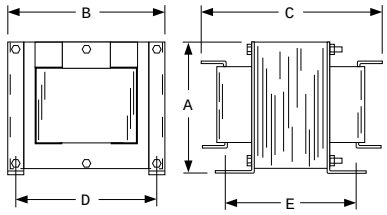


Figure 1

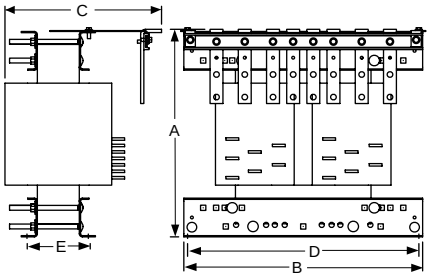


Figure 2

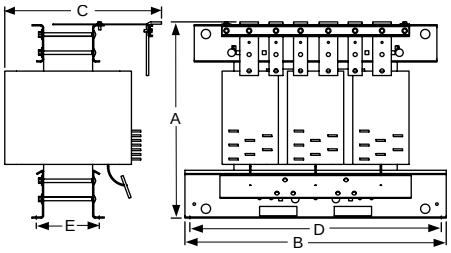


Figure 3

Table 6.3: Single-Phase Open Core and Coil Transformers—240 X 480 V Primary, 120/240 V Secondary, 60 Hz

kVA	Catalog No.	Deg. C Temp. Rise	Full Capacity Taps	Dimensions *[3]*										Weig-ht (lbs)	Figure
				A		B		C		D		E*[4]*			
				in	mm	in	mm	in	mm	in	mm	in	mm		
5	5S1HFOC	115	—	8.00	203	9.00	229	11.00	279	8.00	203	8.00	203	66	1
7.5	7S1HFOC		—					14.25	362			8.50	216	80	
10	10S1HFOC		—	20.50	521	18.5	470	14.00	356	17.0	432	4.25	108	140	2
15	EE15S3HOC	150	6–2.5% 2+4–*[5]*												
25	EE25S3HOC			20.25	514	18.5	470	14.00	356	17.0	432	5.00	127	200	
37.5	EE37S3HOC			22.00	559			18.00	457			5.50	140	255	
50	EE50S3HOC			22.00	559							6.50	165	310	
75	EE75S3HOC			22.25	565	28.0	711	22.00	559	27.0	686	8.50	216	460	

[3] Not for construction. Contact your nearest Schneider Electric sales office for certified prints.
[4] Dimensions may vary due to manufacturing process.
[5] When 240 V tap is used, there will be 3–5% taps, 1 above and 2 below.

Type EO Transformers

Type EO units are designed with exceptional voltage regulation. These control transformers are constructed using traditional materials and manufacturing techniques, and are designed for 25–5000 VA with a 55°C temperature rise. When exceptional regulation and very low temperature rise are an absolute necessity, choose Type EO units.

Table 6.4: Regulation Chart for Type EO Transformers

VA (60 Hz)	Secondary Voltage					
	Inrush UL VA at 20% Power Factor			Inrush UL VA at 40% Power Factor		
	95%	90%	85%	95%	90%	85%
25	95	—	146	60	—	119
50	164	213	277	123	168	225
75	387	487	622	284	375	798
100	479	606	770	346	463	613
150	755	1177	1532	567	930	1252
200	1260	1883	2419	910	1462	1950
250	1530	2327	2995	1115	1811	2419
300	2030	2981	3800	1455	2290	3038
350	2920	4586	5981	2180	3637	4903
500	4230	5984	7707	3120	4661	6229
750	7430	11460	14736	5380	8907	11891
1000	10300	16873	21734	7450	13145	17571
1500	19200	30042	39217	14500	23859	32179
2000	27750	45194	60022	21750	36901	50994
3000	31800	82333	108205	26750	66072	89509
5000	86100	148768	202077	72600	126887	175552

Table 6.5: Type EO Transformer Dimensions

VA (60 Hz)	Catalog Number Class 9070	A		B		C		Weight	
		IN	mm	IN	mm	IN	mm	lbs	kg
220x440 V Primary, 110 V Secondary; 230x460 V Primary, 115 V Secondary; or 240x480 V Primary, 120 V Secondary									
25	9070EO17D1	3.31	84	3.00	76	2.50	64	1.9	0.9
50	9070EO1D1							2.2	1.0
75	9070EO18D1	3.78	96	3.38	86	2.81	71	3.5	1.6
100	9070EO2D1							3.8	1.7
150	9070EO3D1	4.44	113	3.75	95	3.13	80	6.0	2.7
200	9070EO19D1	4.81	122	4.50	114	3.75	95	10.5	4.8
250	9070EO15D1	5.19	132					13.2	6.0
300	9070EO04D1	5.56	141					17.2	7.8
500	9070EO51D1	6.56	167	5.25	133	4.38	111	24.5	11.1
750	9070EO61D1	7.94	202					30.5	13.8
1000	9070EO71D1			6.00	152	5.00	127	45.0	20.4
1500	9070EO81D1	8.59	218	7.06	179	6.03	153	56.0	25.4
2000	9070EO91D1	9.22	234					72.0	32.7
3000	9070EO10D1	9.44	239	9.00	229	7.50	191	115.0	52.2
240x480 V Primary, 24 V Secondary									
25	9070EO17D2	3.31	84	3.00	76	2.50	64	1.9	0.9
50	9070EO10D2							2.2	1.0
75	9070EO18D2	3.78	96	3.38	86	2.81	71	3.5	1.6
100	9070EO2D2							3.8	1.7
250	9070EO16D2	6.19	157	4.50	114	3.75	95	13.2	6.0
550 V Primary, 110 V Secondary; 575 V Primary, 115 V Secondary; or 600 V Primary, 120 V Secondary									
200	9070EO19D5	5.56	141	122	4.50	114	3.75	10.5	4.8
300	9070EO04D5			4.50	114	3.75	95	17.2	7.8
500	9070EO51D5	6.56	167	5.25	133	4.38	111	24.5	11.1
750	9070EO61D5	7.94	202					30.5	13.8

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 6.6: Regulation Chart for Type T Transformers

VA (60 Hz)	Secondary Voltage					
	Inrush UL VA at 20% Power Factor			Inrush UL VA at 40% Power Factor		
	95%	90%	85%	95%	90%	85%
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	621
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

Selection Guide

1. Determine the inrush and sealed VA of each coil in the control circuit, and the VA of all other components.
2. Total the sealed VA of all operating coils and the VA of all other loads. (This determines the 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. (Use the regulation chart to give possible units to be used.)
4. Taking the VA size from step 2, go to the standard VA size in the chart. Make sure the inrush VA from the chart is greater than the total VA from step 3. (If not, go to the next larger VA size and repeat.)

If your supply voltage is stable and fluctuates less than 5%, we recommend 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 6.7: Type T Transformer Selection

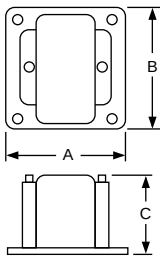
VA		Catalog No.	H	W	D	Weight (lbs)
UL/CSA/NOM	CE		in (mm)	in (mm)	in (mm)	
120 V Primary, 120 V Secondary; 115 V Primary, 115 V Secondary; or 110 V Primary, 110 V Secondary						
50	50	9070T50D24	2.58 (65.5)	3.00 (76.2)	3.09 (78.5)	2.5
75	75	9070T75D24	2.89 (73.4)	3.38 (85.8)	3.34 (84.8)	3.8
100	100	9070T100D24				3.8
150	150	9070T150D24	3.20 (81.3)	3.75 (95.3)	3.59 (91.2)	5.5
200	200	9070T200D24				5.5
250	160	9070T250D24	3.25 (82.6)	3.75 (95.3)	5.25 (133.4)	7.1
300	200	9070T300D24	3.80 (96.5)	4.50 (114.3)	4.70 (119.4)	8.5
350	250	9070T350D24			5.09 (129.3)	10.5
500	300	9070T500D24			5.46 (138.7)	11.9
750	500	9070T750D24	4.43 (112.5)	5.25 (133.4)	5.66 (143.8)	11.0
1000	630	9070T1000D24			6.04 (153.4)	20.6
1500	1000	9070T1500D24	6.16 (156.5)	7.06 (179.3)	5.81 (147.6)	34.0
2000	1500	9070T2000D24			7.04 (178.8)	47.0
3000	2000	9070T3000D24	8.46 (214.9)	9.00 (228.6)	6.86 (174.2)	60.0

Table 6.7 Type T Transformer Selection (cont'd.)

VA		Catalog No.	H	W	D	Weight (lbs)
UL/CSA/NOM	CE		in (mm)	in (mm)	in (mm)	
5000	3000	9070T5000D24			8.73 (221.7)	89.0
120 V x 240 V Primary, 120/240 V Secondary; 115 V x 230 V Primary, 115/230 V Secondary; or 110 V x 220 V Primary, 110/220 V Secondary						
50	50	9070T50D55	2.58 (65.5)	3.00 (76.2)	3.09 (78.5)	2.5
75	75	9070T75D55	2.89 (73.4)	3.38 (85.8)	3.34 (84.8)	3.8
100	100	9070T100D55				
150	150	9070T150D55	3.20 (81.3)	3.75 (95.3)	3.59 (91.2)	5.5
200	200	9070T200D55				
250	160	9070T250D55	3.25 (82.6)	3.75 (95.3)	5.25 (133.4)	7.1
300	200	9070T300D55	3.80 (96.5)	4.50 (114.3)	4.70 (119.4)	8.5
350	250	9070T350D55			5.09 (129.3)	10.5
500	300	9070T500D55			5.46 (138.7)	11.9
750	500	9070T750D55	4.43 (112.5)	5.25 (133.4)	5.66 (143.8)	11.0
1000	630	9070T1000D55			6.04 (153.4)	20.6
1500	1000	9070T1500D55	6.16 (156.5)	7.06 (179.3)	5.81 (147.6)	34.0
2000	1500	9070T2000D55			7.04 (178.8)	47.0
3000	2000	9070T3000D55	8.46 (214.9)	9.00 (228.6)	6.86 (174.2)	60.0
5000	3000	9070T5000D55			8.73 (221.7)	89.0
277 V Primary, 24 V Secondary						
50	50	9070T50D25	2.58 (65.5)	3.00 (76.2)	3.09 (78.5)	2.5
75	75	9070T75D25	2.89 (73.4)	3.38 (85.8)	3.34 (84.8)	3.8
100	100	9070T100D25				
150	150	9070T150D25	3.20 (81.3)	3.75 (95.3)	3.59 (91.2)	5.5
200	200	9070T200D25				
250	160	9070T250D25	3.25 (82.6)	3.75 (95.3)	5.25 (133.4)	7.1
300	200	9070T300D25	3.80 (96.5)	4.50 (114.3)	4.70 (119.4)	8.5
350	250	9070T350D25			5.09 (129.3)	10.5
500	300	9070T500D25			5.46 (138.7)	11.9
750	500	9070T750D25	4.43 (112.5)	5.25 (133.4)	5.66 (143.8)	11.0
1000	630	9070T1000D25			6.04 (153.4)	20.6
600 V Primary, 12/24 V Secondary						
50	50	9070T50D36	2.58 (65.5)	3.00 (76.2)	3.09 (78.5)	2.5
75	75	9070T75D36	2.89 (73.4)	3.38 (85.8)	3.34 (84.8)	3.8
100	100	9070T100D36				
150	150	9070T150D36	3.20 (81.3)	3.75 (95.3)	3.59 (91.2)	5.5
200	200	9070T200D36				
250	160	9070T250D36	3.25 (82.6)	3.75 (95.3)	5.25 (133.4)	7.1
300	200	9070T300D36	3.80 (96.5)	4.50 (114.3)	4.70 (119.4)	8.5
350	250	9070T350D36			5.09 (129.3)	10.5
500	300	9070T500D36			5.46 (138.7)	11.9
750	500	9070T750D36	4.43 (112.5)	5.25 (133.4)	5.66 (143.8)	11.0
1000	630	9070T1000D36			6.04 (153.4)	20.6
480 V Primary, 240 V Secondary; 460 V Primary, 230 V Secondary; or 440 V Primary, 220 V Secondary						
50	50	9070T50D12	2.58 (65.5)	3.00 (76.2)	3.09 (78.5)	2.5
75	75	9070T75D12	2.89 (73.4)	3.38 (85.8)	3.34 (84.8)	3.8
100	100	9070T100D12				
150	150	9070T150D12	3.20 (81.3)	3.75 (95.3)	3.59 (91.2)	5.5
200	200	9070T200D12				
250	160	9070T250D12	3.25 (82.6)	3.75 (95.3)	5.25 (133.4)	7.1
300	200	9070T300D12	3.80 (96.5)	4.50 (114.3)	4.70 (119.4)	8.5
350	250	9070T350D12			5.09 (129.3)	10.5
500	300	9070T500D12			5.46 (138.7)	11.9
750	500	9070T750D12	4.43 (112.5)	5.25 (133.4)	5.66 (143.8)	11.0
1000	630	9070T1000D12			6.04 (153.4)	20.6
1500	1000	9070T1500D12	6.16 (156.5)	7.06 (179.3)	5.81 (147.6)	34.0
2000	1500	9070T2000D12			7.04 (178.8)	47.0
3000	2000	9070T3000D12	8.46 (214.9)	9.00 (228.6)	6.86 (174.2)	60.0
5000	3000	9070T5000D12			8.73 (221.7)	89.0

Model 450R

Model 460R
Model 470R



Voltage Transformers: Obsolete—January 1, 2023

These voltage transformers are designed for line-to-line or line-to-ground connection on the primary voltage indicated. See Table 6.8 Voltage Transformers, UR/cUR Recognized, 60 Hz, page 6-7 to determine the applicable configuration for proper system voltage indication.

- **Model 450R**—designed for switchboard use. This model features high accuracy and burden capacity for excellent performance in metering and indication.
- **Model 460R**—a compact, lightweight design, providing exceptional performance in indicating applications.
- **Model 470R**—a compact, low cost design optimized for maximum accuracy and performance when used with PowerLogic™ circuit monitors.

Table 6.8: Voltage Transformers, UR/cUR Recognized, 60 Hz

Model 450R Thermal Rating: 500 VA @ 30 °C; 300 VA @ 55 °C. Accuracy 0.3W. X.M & Y: 1.2 Z	Model 460R Thermal Rating: 150 VA @ 30 °C; 100 VA @ 55 °C. Accuracy 0.6W: 1.2 X	Model 470R Thermal Rating: 150 VA @ 30 °C; 100 VA @ 55 °C. Accuracy 0.3W: 1.2 X	System Voltage	Winding Ratio
Catalog Number	Catalog Number	Catalog Number		
450R069	460R069	470R069	69/120Y	0.58:1
450R120	460R120	470R120	120/208Y	1:1
450R208	460R208	470R208	120/208Y	1.73:1
450R240	460R240	470R240	240/416Y	2:1
450R288	460R288	470R288	288/500Y*[1]*	2.4:1
450R300	460R300	470R300	300/520Y	2.5:1
450R380	460R380	470R380	220/380Y	3.17:1
450R480	460R480	470R480	480/480Y*[2]*	4:1
450R600	460R600	470R600	600/600Y	5:1

Model	Dimensions (inches)		
	A	B	C
450R	6	7–1/8	5–7/8
460R	4–3/4	4–1/2	3–7/8
470R	4–3/4	4–1/2	3–7/8

Obsolete—January 1, 2023
Current Transformers

Table 6.10: General Purpose Compact Units, UR/cUR Recognized

Window Size (inches)	Catalog Number (without brackets)	Current Rating (Amperes)	VA 60 Hz	VA 400 Hz	Accuracy (At Rated Current)	Rating Factor 30 °C Ambient
1-1/8	2NR500	50:5	1.0	2.0	= 2%	1.0
	2NR600	60:5	1.0	2.0	= 2%	
	2NR750	75:5	1.5	3.0	= 2%	
	2NR800	80:5	1.5	3.0	= 2%	
	2NR101	100:5	2.0	4.0	= 1%	
	2NR121	120:5	2.5	5.0	= 1%	
	2NR1250	125:5	2.5	5.0	= 1%	
	2NR151	150:5	2.5	5.0	= 1%	
	2NR201	200:5	2.5	5.0	= 1%	
	2NR251	250:5	2.5	5.0	= 1%	
	2NR301	300:5	2.5	5.0	= 1%	
1-9/16	5NR101	100:5	2.0	4.0	= 1%	1.0
	5NR151	150:5	2.5	5.0		
	5NR201	200:5	5.0	12.5		
	5NR251	250:5	5.0	12.5		
	5NR301	300:5	5.0	12.5		
	5NR401	400:5	12.5	25.0		
	5NR501	500:5	12.5	25.0		
	5NR601	600:5	25.0	50.0		
1-9/16	54R101	100:5	2.0	4.0	= 1%	1.0
	54R151	150:5	2.5	5.0		
	54R201	200:5	5.0	12.5		
	54R251	250:5	5.0	12.5		
	54R301	300:5	5.0	12.5		
	54R401	400:5	12.5	25.0		
	54R501	500:5	12.5	25.0		
	54R601	600:5	25.0	50.0		
2-1/4	7RL500	50:5	2.5	5.0	= 1%	1.5
	7RL101	100:5	2.5	5.0		
	7RL151	150:5	2.5	5.0		
	7RL201	200:5	5.0	10.0		
	7RL251	250:5	5.0	10.0		
	7RL301	300:5	5.0	10.0		
	7RL401	400:5	12.5	25.0		
	7RL501	500:5	12.5	25.0		
	7RL601	600:5	12.5	25.0		
	7RL751	750:5	12.5	25.0		
	7RL801	800:5	12.5	25.0		
	7RL102	1000:5	25.0	50.0		
	7RL122	1200:5	25.0	50.0		
	7RL152	1500:5	25.0	50.0		

Model 54R

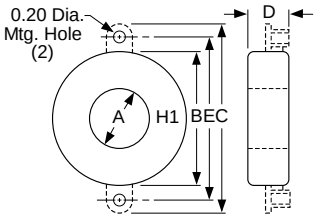


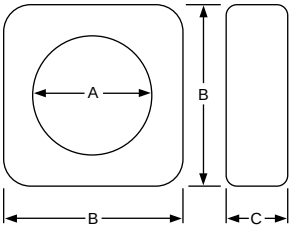
Table 6.9: Dimensions for Models 2NR, 5NR, 54R, and 7RL

Model	Dimensions (inches)				
	A	B	C	D	E
2NR	1.13	2.38	—	.94	—
5NR	1.56	3.50	—	1.06	—
54R	1.56	3.50	4.56	1.06	4.00
7RL	2.25	4.38	—	1.38	—

[1] For use on 277/480 Wye systems.
[2] For use on 480 V Delta systems.

Models 64R, 74R

Models 66R, 76R



Models 64R, 66R, 74R, 76R,

Table 6.11: Dimensions for 64R, 66R, 74R, and 76R

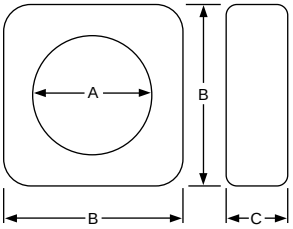
Model	Dimensions (inches)		
	A	B	C
64R	1-15/16	4-3/16	1-1/2
66R	1-15/16	4-3/16	31/16
74R	2-11/32	4-11/16	1-5/8
76R	2-11/32	4-11/16	3-1/4

Obsolete—January 1, 2023
Toroidal Current Transformers (64R, 74R, 66R, 76R)

Table 6.12: Toroidal Current Transformers, UR/cUR Recognized, 25–400 Hz

Window Size (inches)	Catalog Number (without brackets) *[3]*	Current Rating (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
1-15/16	64R101	100:5	—	1.2	2.4	—	—	—	1.33
	64R151	150:0	—	1.2	1.2	—	—	—	
	64R201	200:5	—	1.2	1.2	2.4	—	—	
	64R251	250:5	—	0.6	0.6	1.2	—	—	
	64R301	300:5	—	0.6	0.6	1.2	2.4	—	
	64R401	400:5	—	0.3	0.6	0.6	1.2	—	
	64R501	500:5	—	0.3	0.3	0.6	0.6	—	
	64R601	600:5	—	0.3	0.3	0.3	0.6	1.2	
	64R751	750:5	—	0.3	0.3	0.3	0.6	0.6	
1-15/16	66R101	100:5	—	1.2	2.4	—	—	—	1.33
	66R151	150:0	—	0.6	1.2	2.4	2.4	—	
	66R201	200:5	C10	0.6	0.6	1.2	2.4	—	
	66R251	250:5	C10	0.3	0.6	0.6	1.2	2.4	
	66R301	300:5	C10	0.3	0.3	0.6	1.2	2.4	
	66R401	400:5	C10	0.3	0.3	0.3	0.6	1.2	
	66R501	500:5	C20	0.3	0.3	0.3	0.6	0.6	
	66R601	600:5	C20	0.3	0.3	0.3	0.3	0.6	
	66R751	750:5	C20	0.3	0.3	0.3	0.3	0.3	
2-11/32	74R201	200:5	—	1.2	1.2	0.6	—	—	1.33
	74R251	250:5	—	1.2	1.2	0.6	1.2	—	1.33
	74R301	300:5	—	0.6	0.6	1.2	2.4	—	1.33
	74R401	400:5	—	0.3	0.3	0.6	1.2	—	1.33
	74R501	500:5	—	0.3	0.3	0.6	0.6	1.2	1.33
	74R601	600:5	—	0.3	0.3	0.3	0.6	1.2	1.33
	74R751	750:5	—	0.3	0.3	0.6	0.6	1.2	1.33
	74R801	800:5	—	0.3	0.3	0.3	0.6	1.2	1.33
	74R102	1000:5	—	0.3	0.3	0.3	0.3	0.6	1.33
	74R122	1200:5	—	0.3	0.3	0.3	0.3	0.6	1.33
	74R152	1500:5	—	0.3	0.3	0.3	0.3	0.6	1.00
2-11/32	76R201	200:5	C10	0.6	0.6	1.2	2.4	2.4	1.33
	76R251	250:5	C10	0.3	0.6	1.2	1.2	2.4	1.33
	76R301	300:5	C10	0.3	0.3	0.6	1.2	1.2	1.33
	76R401	400:5	C10	0.3	0.3	0.3	0.6	1.2	1.33
	76R501	500:5	C10	0.3	0.3	0.3	0.3	0.6	1.33
	76R601	600:5	C20	0.3	0.3	0.3	0.3	0.6	1.33
	76R751	750:5	C20	0.3	0.3	0.3	0.3	0.6	1.33
	76R801	800:5	C20	0.3	0.3	0.3	0.3	0.3	1.33
	76R102	1000:5	C20	0.3	0.3	0.3	0.3	0.3	1.33
	76R122	1200:5	C20	0.3	0.3	0.3	0.3	0.3	1.33
	76R152	1500:5	C20	0.3	0.3	0.3	0.3	0.3	1.00

Models 100R, 110R, 120R, 140R



100R, 110R, 120R, and 140R

Table 6.13: Dimensions for 100R, 110R, 120R, and 140R

Model	Dimensions (inches)		
	A	B	C
100R	4	7	2-1/8
110R	4	7	2-7/8
120R	5-3/4	8-1/2	2-1/8
140R	8-1/8	11	3

Obsolete—January 1, 2023
Toroidal Current Transformers (110R, 110R, 120R, 140R)

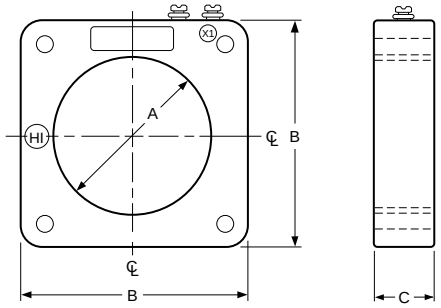
Table 6.14: Toroidal Current Transformers, UR/cUR Recognized, 25–400 Hz

Window Size (inches)	Catalog Number (without brackets) *[3]*	Current Rating (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
4	100R201	200:5	C10	0.6	1.2	2.4	—	—	1.33
	100R301	300:5	C10	0.3	0.6	1.2	1.2	2.4	
	100R401	400:5	C20	0.3	0.3	0.6	1.2	1.2	
	100R501	500:5	C20	0.3	0.3	0.6	0.6	1.2	
	100R601	600:5	C20	0.3	0.3	0.3	0.6	0.6	
	100R801	800:5	C20	0.3	0.3	0.3	0.3	0.6	
	100R102	1000:5	C50	0.3	0.3	0.3	0.3	0.3	
	100R122	1200:5	C50	0.3	0.3	0.3	0.3	0.3	
	100R152	1500:5	C50	0.3	0.3	0.3	0.3	0.3	
	100R162	1600:5	C50	0.3	0.3	0.3	0.3	0.3	
	100R202	2000:5	C50	0.3	0.3	0.3	0.3	0.3	
4	110R201	200:5	C20	0.6	0.6	1.2	2.4	—	1.33
	110R301	300:5	C20	0.3	0.3	0.6	1.2	2.4	
	110R401	400:5	C20	0.3	0.3	0.3	0.6	1.2	
	110R501	500:5	C50	0.3	0.3	0.3	0.6	0.6	
	110R601	600:5	C50	0.3	0.3	0.3	0.3	0.6	
	110R801	800:5	C50	0.3	0.3	0.3	0.3	0.3	
	110R102	1000:5	C100	0.3	0.3	0.3	0.3	0.3	
	110R122	1200:5	C100	0.3	0.3	0.3	0.3	0.3	
	110R152	1500:5	C100	0.3	0.3	0.3	0.3	0.3	
	110R162	1600:5	C100	0.3	0.3	0.3	0.3	0.3	
	110R202	2000:5	C100	0.3	0.3	0.3	0.3	0.3	
5-3/4	120R201	200:5	C10	1.2	2.4	2.4	—	—	1.33
	120R301	300:5	C10	0.6	1.2	2.4	2.4	—	1.33
	120R401	400:5	C20	0.3	0.6	1.2	1.2	2.4	1.33
	120R501	500:5	C20	0.3	0.3	0.6	1.2	2.4	1.33
	120R601	600:5	C20	0.3	0.3	0.6	0.6	1.2	1.33
	120R801	800:5	C20	0.3	0.3	0.3	0.6	0.6	1.33
	120R102	1000:5	C50	0.3	0.3	0.3	0.3	0.6	1.33
	120R122	1200:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R152	1500:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R162	1600:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R202	2000:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R252	2500:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R302	3000:5	C50	0.3	0.3	0.3	0.3	0.3	1.33
	120R402	4000:5	—	0.3	0.3	0.3	0.3	0.3	1.00

[3] For mounting brackets, refer to Bushing Current Transformers 50–400 Hz, page 6-12

Table 6.14 Toroidal Current Transformers, UR/cUR Recognized, 25–400 Hz (cont'd.)

Window Size (inches)	Catalog Number (without brackets) *[4]*	Current Rating (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
8-1/8	140R500	50:5	—	For Ground Fault Sensing			—	—	1.33
	140R101	100:5	—				—	—	
8-1/8	140R401	400:5	C20	0.6	0.6	1.2	1.2	2.4	1.33
	140R501	500:5	C20	0.3	0.3	0.6	1.2	1.2	1.33
	140R601	600:5	C20	0.3	0.3	0.6	0.6	1.2	1.33
	140R801	800:5	C50	0.3	0.3	0.3	0.6	0.6	1.33
	140R102	1000:5	C50	0.3	0.3	0.3	0.3	0.6	1.33
	140R122	1200:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R152	1500:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R202	2000:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R252	2500:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R302	3000:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R402	4000:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	140R502	5000:5	C100	0.3	0.3	0.3	0.3	0.3	1.00
	140R602	6000:5	C100	0.3	0.3	0.3	0.3	0.3	1.00



Models 152R, 170R, 180R, 210R

Table 6.15: Dimensions for Models 152R, 170R, 180R, and 210R

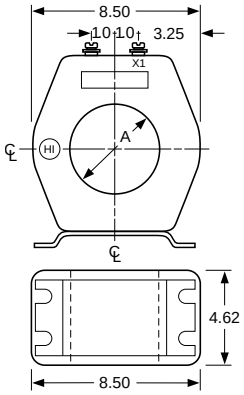
Model	Dimensions (inches)		
	A	B	C
152R	6.88	12.25	4.12
170R	4.25	6.75	1.31
180R	2.50	4.50	2.12
210R	6.25	9.50	2.87

Obsolete—January 1, 2023
Toroidal Current Transformers (152R, 170R, 180R, 210R)

Table 6.16: Toroidal Current Transformers, UR/cUR Recognized, 25–400 Hz

Window Size (inches)	Catalog Number (without brackets) *[4]*	Current Rating (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
6-7/8	152R500	50:5	C10	1.2	—	—	—	—	1.33
	152R101	100:5	C20	1.2	2.4	—	—	—	
	152R151	150:5	C50	0.6	1.2	2.4	—	—	
	152R201	200:5	C50	0.6	0.6	1.2	2.4	2.4	
	152R251	250:5	C50	0.3	0.6	0.6	1.2	2.4	1.33
	152R301	300:5	C100		0.3	0.6	1.2	1.2	
	152R401	400:5	C100		0.3	0.3	0.6	1.2	
	152R501	500:5	C100		0.3	0.3	0.3	0.6	
	152R601	600:5	C200	0.3	0.3	0.3	0.3	0.6	1.33
	152R801	800:5	C200					0.3	
	152R102	1000:5	C200					0.3	
	152R122	1200:5	C400					0.3	
	152R152	1500:5	C400	0.3	0.3	0.3	0.3	0.3	1.33
	152R162	1600:5							
	152R202	2000:5							
	152R252	2500:5							
	152R302	3000:5	C400	0.3	0.3	0.3	0.3	0.3	1.33
	152R402	4000:5	C800						
4-1/4	170R201	200:5	—	1.2	0.6	2.4	—	—	1.33
	170R251	250:5	—	0.6		2.4	—	—	
	170R301	300:5	—	0.6		1.2	2.4	—	
	170R401	400:5	—	0.6	0.6	0.6	1.2	—	1.33
	170R501	500:5	—	0.3	0.6			—	
	170R601	600:5	—	0.3	0.3			2.4	
	170R751	750:5	C10	0.3	0.3	0.6	0.6	1.2	1.33
	170R801	800:5				0.3	0.6	1.2	
	170R102	1000:5				0.3	0.3	0.6	
	170R122	1200:5	C10	0.3	0.3	0.3	0.3	0.6	1.33
	170R152	1500:5	—					0.6	
	170R162	1600:5	—					0.6	
	170R202	2000:5	—					0.3	
	170R252	2500:5	—					0.3	
2-1/2	180R101	100:5	—	2.4	2.4	—	—	—	1.33
	180R151	150:5	—	1.2	2.4	—	—	—	
	180R201	200:5	—	1.2	1.2	2.4	—	—	
	180R251	250:5	—	0.6	1.2	2.4	2.4	—	1.33
	180R301	300:5	—	0.6	0.6	1.2	2.4	—	
	180R401	400:5	—	0.3	0.3	0.6	1.2	2.4	
	180R501	500:5	—	0.3	0.3	0.6	0.6	1.2	1.33
	180R601	600:5	—			0.3	0.6	1.2	
	180R751	750:5	—			0.3	0.3	0.6	
	180R801	800:5	—	0.3	0.3	0.3	0.6	1.2	1.33
	180R102	1000:5	—				0.6	0.6	
	180R122	1200:5	—				0.3	0.6	
	180R152	1500:5	—				0.3	0.3	
2-1/2	210R122	1200:5	C100	0.3	0.3	0.3	0.3	0.3	1.33
	210R162	1600:5	C100						1.33
	210R202	2000:5	C100						1.33
	210R252	2500:5	C200						1.33
	210R302	3000:5	C200						1.0
	210R402	4000:5	C200						1.0

[4] For mounting brackets, refer to Bushing Current Transformers 50–400 Hz, page 6-12



Models 200R, 201R, 202R, 203R

Table 6.17: Dimensions for Models 200R, 201R, 202R, and 203R

Model *[5]*	Dimensions A (inches)
200R 201R 202R 203R	2.50 3.50 4.50 5.25

Obsolete—January 1, 2023
Toroidal Current Transformers (200R, 201R, 202R, 203R)

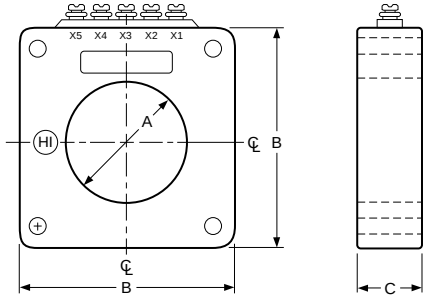
Table 6.18: Toroidal Current Transformers, UR/cUR Recognized, 25–400 Hz

Window Size (inches)	Catalog Number (without brackets) *[6]*	Current Rating (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
2-1/2	200R101 200R151 200R201 200R251	100:5 150:0 200:5 250:5	C50 C50 C100 C100	0.6 0.3 0.3 0.3	1.2 0.6 0.3 0.3	1.2 0.6 0.6 0.3	— 1.2 1.2 0.6	— 2.4 1.2 1.2	1.5
	200R301 200R401 200R501 200R601	300:5 400:5 500:5 600:5	C100 C200 C200 C200	0.3	0.3	0.3	0.3	0.6 0.3 0.3 0.3	1.5
3-1/2	201R101 201R151 201R201	100:5 150:5 200:5	C20 C50 C50	1.2 0.3 0.3	1.2 0.6 0.3	2.4 1.2 0.6	2.4 2.4 1.2	— 2.4 2.4	1.5
	201R251 201R301 201R401 201R501	250:5 300:5 400:5 500:5	C100 C100 C100 C200	0.3	0.3	0.6 0.3 0.3 0.3	1.2 0.6 0.3 0.3	1.2 1.2 0.6 0.3	1.5
	201R601 201R751 201R801	600:5 750:5 800:5	C200	0.3	0.3	0.3	0.3	0.3	1.5
4-1/2	202R101 202R151 202R201	100:5 150:5 200:5	C20 C20 C50	1.2 1.2 0.3	2.4 1.2 0.6	2.4 2.4 1.2	— 2.4 1.2	— — 2.4	1.5
	202R251 202R301 202R401 202R501	250:5 300:5 400:5 500:5	C50 C50 C100 C100	0.3	0.3	0.6 0.6 0.3 0.3	1.2 0.6 0.3 0.3	1.2 1.2 0.6 0.8	1.5
	202R601 202R751 202R801 202R102	600:5 750:5 800:5 1000:5	C100 C200 C200 C200	0.3	0.3	0.3	0.3	0.3	1.5
5-1/4	203R101 203R151 203R201	100:5 150:5 200:5	C20	1.2 0.6 0.3	2.4 1.2 0.6	— 2.4 1.2	— 2.4 2.4	— — 2.4	1.5
	203R251 203R301 203R401	250:5 300:5 400:5	C20 C50 C50	0.3	0.6 0.3 0.3	1.2 0.6 0.6	1.2 1.2 0.6	2.4 1.2 1.2	1.5
	203R501 203R601 203R751 203R801	500:5 600:5 750:5 800:5	C100	0.3	0.3	0.3	0.3	0.6 0.6 0.3 0.3	1.5
	203R102 203R122 203R152 203R162	1000:5 1200:5 1500:5 1600:5	C200	0.3	0.3	0.3	0.3	0.3	1.5 1.5 1.5 1.33
	203R202 203R252 203R302	2000:5 2500:5 3000:5	C200	0.3	0.3	0.3	0.3	0.3	1.33

Obsolete—January 1, 2023
Shorting Terminal Blocks

Table 6.19: Shorting Terminal Blocks

Catalog No.	Description
3090TB4	Shorting terminal block (4-pole)
3090TB6	Shorting terminal block (6-pole)



Models 151R, 312R

Table 6.20: Dimensions for Models 151R and 312R

Model	Dimensions (inches)		
	A	B	C
151R 312R	6.88 4.50	12.25 11.00	4.12 2.38

Obsolete—January 1, 2023
Multi-Ratio Current Transformers

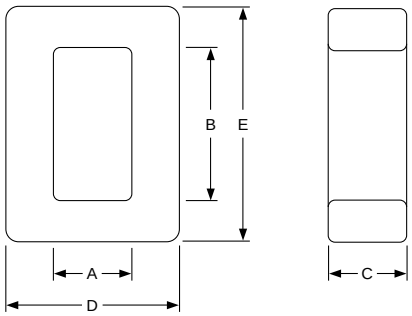
Table 6.21: Multi-Ratio Transformers, UR/cUR Recognized 60 Hz-Model 312R, 25–400 Hz-Model 151R

Window Size (inches)	Catalog Number (without brackets) *[6]*	Current Rating *[7]* (Amperes)	Relay Class *[8]*	ANSI Accuracy Classification – 60 Hz Metering Class					Rating Factor 30 °C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
4-1⁄2	312R601 312R122 312R202 312R302 312R402	600:5MR 1200:5MR 2000:5MR 3000:5MR 4000:5MR	C100 C200 C400 C400 C400	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	1.5 1.5 1.5 1.5 1.33
6-7⁄8	151R601 151R122 151R202 151R302 151R402	600:5MR 1200:5MR 2000:5MR 3000:5MR 4000:5MR	C200 C400 C400 C400 C800	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	1.33

Table 6.22: Multi-Ratio Taps (Models 151R, 312R, 781R, 786R)

Nominal Ratio	Current Ratio *[9]* (Amperes)
600:5	600/500/450/400/300/250/200/150/100/50:5
1200:5	1200/1000/900/800/600/500/400/300/200/100:5
2000:5	2000/1600/1500/1200/1100/800/500/400/300:5
3000:5	3000/2500/2200/2000/1500/1200/1000/800/500/300:5
4000:5	4000/3500/3000/2500/2000/1500/1000/500

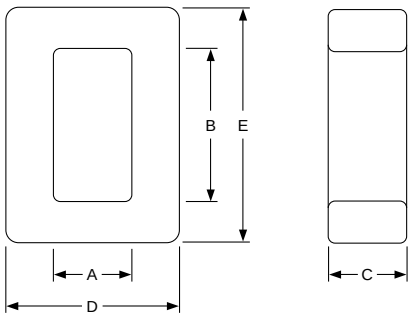
[5] Base is included.
[6] For mounting brackets, refer to Bushing Current Transformers 50–400 Hz, page 6-12
[7] For multi-ratio (MR) taps, refer to the Multi-Ratio Taps table.
[8] Relay class applies to nominal ratio only.
[9] Taps in acordance with ANSI C57.13 and NEMA SG-4.



260R, 560R

Table 6.23: Dimensions for Models 260R, and 560R

Model	Dimensions (inches)				
	A	B	C	D	E
260R	2.13	4.25	2.12	4.88	7.25
560R	3.75	7.45	1.13	5.53	11.19



Models 270R, and 273

Table 6.25: Dimensions for Models 270R, and 273

Model	Dimensions (inches)				
	A	B	C	D	E
270R	3.56	8.81	3.00	9.25	13.06
273	3.50	6.25	3.27	9.25	11.28

Obsolete—January 1, 2023
Rectangular Window Current Transformers

Table 6.24: Rectangular Window Transformers, UR/cUR Recognized, 50–400 Hz

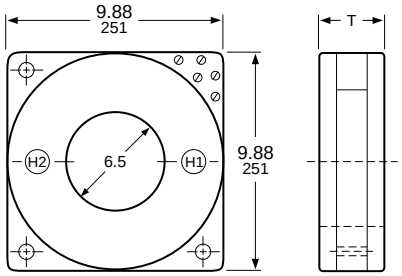
Window Size (inches)	Catalog Number (without brackets) *[10]*	Current Rating (Amperes)	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30 °C Ambient
			B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
2-1/8 x 4-1/4	260R101 260R151 260R201	100:5 150:5 200:5	1.2	2.4 2.4 1.2	— — —	— — —	— — —	1.33
	260R301 260R401 260R601	300:5 400:5 600:5	0.6 0.6 0.3	0.6 0.6 0.3	— — —	— — —	— — —	1.33
	260R801 260R122 260R162	800:5 1200:5 1600:5	0.3	0.3	— — —	— — —	— — —	1.33
	260R202 260R252 260R302 260R402	2000:5 2500:5 3000:5 4000:5	0.3	0.3	— — — —	— — — —	— — — —	1.33 1.0 1.0 1.0
3-3/4 x 7-7/16	560R401 560R501 560R601 560R751 560R801	400:5 500:5 600:5 750:5 800:5	1.2 0.6 0.6 0.6 0.6	1.2 1.2 0.6 0.6 0.6	2.4 2.4 1.2 1.2 1.2	— — 2.4 1.2 1.2	— — 2.4 2.4 2.4	1.33
	560R102 560R122 560R152 560R162 560R202	1000:5 1200:5 1500:5 1600:5 2000:5	0.3	0.3	0.6 0.6 0.3 0.3 0.3	1.2 0.6 0.6 0.6 0.6	1.2 1.2 0.6 0.6 0.6	1.33
	560R252 560R302 560R322 560R402 560R502	2500:5 3000:5 3200:5 4000:5 5000:5	0.3	0.3	0.3	0.3	0.6	1.33

Obsolete—January 1, 2023
Split-Core Current Transformers

Table 6.26: Split-Core Transformers, Model 270R is UR/cUR Recognized, 60 Hz

Window Size (inches)	Catalog Number (without brackets) *[10]*	Current Rating (Amperes)	ANSI Accuracy Classification — 60 Hz Metering Class					Rating Factor 30 °C Ambient
			B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
3-9/16 x 8-3/16	270R401 270R501 270R601	400:5 500:5 600:5	— — —	— — —	— — —	— — —	— — —	1.33
3-9/16 x 8-3/16	270R801 270R102 270R122 270R152 270R162	800:5 1000:5 1200:5 1500:5 1600:5	1.2	2.4 1.2 1.2 1.2 1.2	— 2.4 2.4 2.4 2.4	— — — — —	— — — — —	1.33
	270R202 270R252 270R302 270R402 270R502	2000:5 2500:5 3000:5 4000:5 5000:5	1.2	1.2	1.2	2.4 2.4 1.2 1.2 1.2	— — 2.4 1.2 1.2	1.33 1.33 1.0 1.0 1.0
3-1/2 x 6-1/4	273201 273251 273301 273401 273501	200:5 250:5 300:5 400:5 500:5	— — 2.4 2.4 2.4	— — — — —	— — — — —	— — — — —	— — — — —	1.33
	273601 273801 273102 273122 273162	600:5 800:5 1000:5 1200:5 1600:5	2.4 1.2 1.2 1.2 1.2	2.4 2.4 1.2 1.2 1.2	— — 2.4 2.4 2.4	— — — — —	— — — — —	1.33
	273202 273252 273302 273402	2000:5 2500:5 3000:5 4000:5	1.2	1.2	1.2	2.4 2.4 1.2 1.2	— — 2.4 1.2	1.33 1.33 1.00 1.00

[10] For mounting brackets, refer to Bushing Current Transformers 50–400 Hz, page 6-12



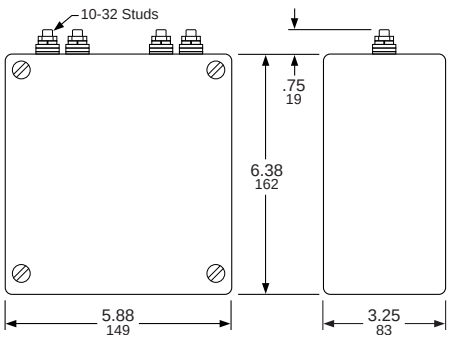
Models 780 R, 781R, 785R, and 786R

Table 6.27: Dimensions for Models 780R, 781R, 785R, and 786R

Model	T (inches)
780R 781R 785R 786R	3.38 3.38 6.75 6.75

Table 6.28: Mounting Brackets

Model	Bracket
2NR	MB1
5NR	
7RL	MB7
54R	Included
64R	MB10
66R	MB12
74R	MB16
76R	MB18
81X	MB81
100R	MB31
110R	MB32
120R	MB31
140R	MB32
151R	MB30
152R	
170R	
180R	MB9
200R	Included
201R	
202R	
203R	
210R	MB32
260R	Not Available
270R	
273	



Model 81X

Obsolete—January 1, 2023
Bushing Current Transformers 50–400 Hz

Table 6.29: Bushing Current Transformers

Window Size (inches)	Catalog Number	Current Rating *[11]* (Amperes)	Relay Class	ANSI Accuracy Classification—60 Hz Metering Class					Rating Factor 30°C Ambient
				B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
6-1/2	780R500	50:5	—	—	—	—	—	—	2.0
	780R750	75:5	C10	1.2	2.4	—	—	—	
	780R101	100:5		2.4		—	—	—	
	780R151	150:5	C20	0.6	1.2	—	—	—	
	780R201	200:5				2.4	—	—	
	780R251	250:5			0.6	1.2	2.4	—	
	780R301	300:5	C50	0.3			1.2	2.4	
	780R401	400:5			0.3	0.6		1.2	
	780R501	500:5					0.6		
	780R601	600:5	C100			0.3		0.6	
	780R751	750:5					0.3		
	780R801	800:5						0.3	
	780R102	1000:5							
	780R122	1200:5	C200						
	780R152	1500:5							
	780R162	1600:5							
	780R202	2000:5							
	780R252	2500:5							
	780R302	3000:5							
	780R402	4000:5							1.5
6-1/2	781R601	600:5 MR	C100				0.6	0.6	2.0
	781R122	1200:5 MR	C200				0.3	0.3	
	781R202	2000:5 MR							
	781R302	3000:5 MR							
	781R402	4000:5 MR							1.5
6-1/2	785R500	50:5	C10	2.4	2.4	—	—	—	2.0
	785R750	75:5	C20	1.2	1.2	—	—	—	
	785R101	100:5				2.4	—	—	
	785R151	150:5	C50	0.6	0.6	1.2	2.4	—	
	785R201	200:5						2.4	
	785R251	250:5		0.3			1.2		
	785R301	300:5	C100		0.3	0.6	0.6	1.2	
	785R401	400:5				0.3			
	785R501	500:5						0.6	
	785R601	600:5	C200				0.3		
	785R751	750:5						0.3	
	785R801	800:5							
	785R102	1000:5							
	785R122	1200:5	C400						
	785R152	1500:5							
	785R162	1600:5							
	785R202	2000:5							
	785R252	2500:5							
	785R302	3000:5							
	785R402	4000:5							1.5
6-1/2	786R601	600:5 MR	C200						2.0
	786R122	1200:5 MR	C400						
	786R202	2000:5 MR							
	786R302	3000:5 MR							
	786R402	4000:5 MR							1.5

Obsolete—January 1, 2023
Auxiliary Current Transformers

Table 6.30: Auxiliary Current Transformers

Catalog Number (without brackets)	Ratio
81X05000100	5:1
81X05000200	5:2
81X05000250	5:2.5
81X05000500	5:5
81X07500500	7.5:5
81X10000500	10:5
81X12500500	12.5:5
81X15000500	15:5

NOTE: Model 81X Accuracy 0.3B0.1, B0.2, B0.5@60 Hz, RF=1.5@30 °C

[11] For multi-ratio (MR) taps, refer to Table 6.22 Multi-Ratio Taps (Models 151R, 312R, 781R, 786R), page 6-10