

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

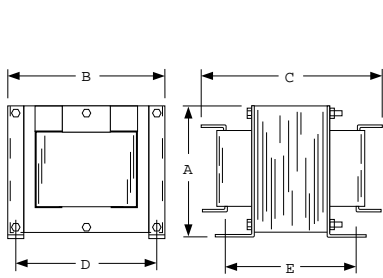


Figure 1

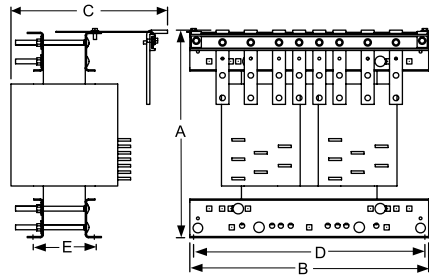


Figure 2

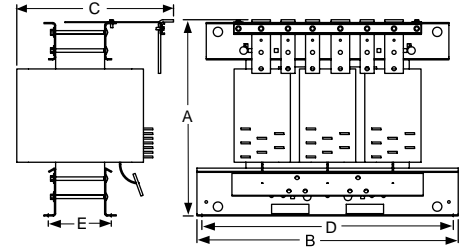


Figure 3

Table 6.5: 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]										Weight (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	115	—	8.00	203	9.00	229	14.25	362	8.00	203	8.50	216	80	1
10	10S1HFOC	115	—	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]	20.50	521	18.5	470	14.00	356	17.0	432	4.25	108	140	2
25	EE25S3HOC	150	6–2.5% 2+4–[5]	20.25	514	18.5	470	14.00	356	17.0	432	5.00	127	200	2
37.5	EE37S3HOC	150	6–2.5% 2+4–[5]	22.00	559	18.5	470	18.00	457	17.0	432	5.50	140	255	2
50	EE50S3HOC	150	6–2.5% 2+4–[5]	22.00	559	18.5	470	18.00	457	17.0	432	6.50	165	310	2
75	EE75S3HOC	150	6–2.5% 2+4–[5]	22.25	565	28.0	711	22.00	559	27.0	686	8.50	216	460	2

[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.