



Transforming
tomorrow.

18-Pulse Autotransformer

SNC's 18-pulse autotransformer is a heavy-duty, multi-phase transformer designed to effectively reduce harmonic distortion for variable frequency drive applications.



PRODUCT FEATURES

- 3-phase, 480V primary and 427V secondary
- 60 Hz
- Available horsepower ratings from 50 to 500
- ETL UL 1561 certified
- Aluminum windings for cost-effective, reliable performance
- 180°C or better insulation
- Thermal switches that are normally closed as an added safety measure

This compact unit offers a small footprint and aluminum busbar terminations in various sizes to meet application requirements. It's available with or without an enclosure.

Want to know more about our
transformers or need a quote?

What sets SNC apart is our **ability to develop specialty and custom transformers to meet our customers' requirements**. We're known in the industry for our flexibility and responsiveness. If you have a design print for a specific project, we can build a transformer to match that application.

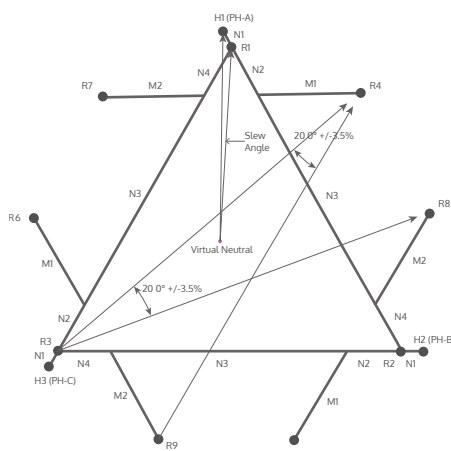
DIMENSIONS

HP Rating	kVA	Part #	Mat'l	Height (TH)	Height (A)	Width (B)	Depth (C)	MP D (D)	MP W (E)	MP H (F)	Term Type LR, T	Weight (lbs)	Air Flow Req'd (LFM)	Watts Loss
				Physical Size (inches)				Mounting Pattern (inches)						
50	50	P23804	AL	17.00	25.350	19.125	11.417	5.750	14.000	.562 Hole	a	375	300	1369
60	60	P23805	AL	16.500	24.900	19.375	11.716	6.500	14.000	.562 Hole	a	375	300	1616
75	75	P23806	AL	16.500	27.750	19.125	12.002	6.875	16.125	.562 Hole	a	415	300	1788
100	99	P23807	AL	19.500	30.750	22.875	12.777	6.500	18.000	.562 x 1.0" Slot	a	530	300	2218
125	124	P23809	AL	21.000	31.750	21.625	12.091	7.500	16.000	.562 Hole	a	550	300	3021
150	149	P23811	AL	20.750	31.376	22.437	14.402	7.625	19.625	.562 Hole	b	650	300	3535
200	199	P23819	AL	22.000	33.250	28.589	14.539	8.000	24.000	.562 Hole	b	760	300	4375
250	249	P23958	AL	23.250	34.563	28.057	14.340	8.500	24.000	.656 x 1.0" Slot	c, b	900	300	4434
300	298	P23821	AL	26.250	38.563	26.383	15.575	9.000	24.000	.656 x 1.0" Slot	c	1,075	300	4898
350	348	P23822	AL	26.250	38.563	27.077	17.000	10.000	24.000	.656 x 1.0" Slot	e, c	1,200	500	6129
400	398	P23823	AL	26.500	40.375	29.203	17.468	10.000	25.000	.656 x 1.0" Slot	e, c	1,400	500	6643
450	448	P23824	AL	27.750	41.125	28.637	18.823	10.000	24.000	.656 Hole	e, d	1,450	500	7046
500	497	P23825	AL	28.250	41.750	30.611	21.154	10.000	28.000	.812 x 1.0" Slot	f, e	2,000	500	7772

TERMINATION TYPE

Type	Material	Thick (in)	Width (in)	Dia (in)
a	AL Bus Bar	.250	1.00	.281
b	AL Bus Bar	.250	1.00	.438
c	AL Bus Bar	.250	1.50	.438
d	AL Bus Bar	.250	2.00	.438
e	AL Bus Bar	.375	1.50	.438
f	AL Bus Bar	.375	2.00	.438

AUTOTRANSFORMER PHASOR



Magnitudes, angles, and tolerances. Representative only - the winding configuration shown is for purpose of illustration only - other configurations which produce the same phasor performance may be used.

Input:		
H1 - H2 - H3	-	480VAC
A1 - B1 - C1	-	
Output:		
R1 - R2 - R3	-	427VAC
R4 - R5 - R6	-	427VAC
R7 - R8 - R9	-	427VAC

Learn more about how our custom solutions can transform tomorrow's products.



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