

ADD-A-PHASE®

TYPE SAC PHASE CONVERTER

Type SAC is an ideal ADD-A-PHASE static three phase (3Ø) converter for most small air conditioning applications. Its high efficiency, high starting torque, ease of use in automated systems and the ability to provide balanced currents to motors allow it to operate three phase compressors at full rated load.

Multiple compressor/additional motor units can also be provided as needed.

APPLICATIONS

- Air conditioning compressors
- Refrigeration compressors
- 1,200 rpm – 6 pole motors



ENCLOSURE SIZE & APPROXIMATE SHIPPING WEIGHT

Enclosure	Horsepower	Type 2SAC Weight	Type 3SAC Weight	Type 4SAC Weight
603	1	60 lbs.		60 lbs.
	1.5	63 lbs.		63 lbs.
	2	74 lbs.		
107	1		119 lbs.	
	1.5		127 lbs.	
	2		138 lbs.	115 lbs.
	3	140 lbs.	160 lbs.	142 lbs.
	5	165 lbs.	190 lbs.	165 lbs.
115	7.5	205 lbs.	240 lbs.	205 lbs.
	10	242 lbs.	285 lbs.	245 lbs.
130	15	310 lbs.	380 lbs.	320 lbs.

SPECIFICATIONS

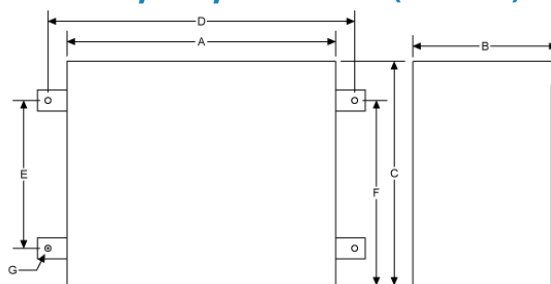
Starting Current:	Approximately 300% of single phase (1Ø) input FLA
Input Voltage:	240V or 480V
Motor Ratings:	1 HP to 15 HP

1Ø FULL-LOAD AMP RATING

Horsepower	Input Voltage	
	240V	480V
1	7A	4A
1.5	9A	6A
2	13A	7A
3	20A	10A

Horsepower	Input Voltage	
	240V	480V
5	30A	15A
7.5	40A	20A
10	60A	30A
15	80A	40A

NEMA 3R ENCLOSURES: FRAMES 603, 107, 115 & 130 (IN INCHES)



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
603	1 HP – 3 HP (Type 2S) 1 HP – 2 HP (Type 4S)	17 in.	11 in.	16-1/8 in.	18 in.	10 in.	13 in.	1/2 in.
107	5 HP – 7.5 HP (Type 2S) 1 HP – 7.5 HP (Type 3S) 3 HP – 7.5 HP (Type 4S)	22-1/4 in.	12-7/8 in.	18-5/8 in.	26 in.	11-1/2 in.	15 in.	9/16 in.
115	10 HP – 15 HP (Types 2S, 3S, & 4S)	25-1/2 in.	14 in.	21-1/4 in.	29 in.	14 in.	17-1/2 in.	9/16 in.
130	20 HP – 30 HP (Types 2S, 3S, & 4S)	28-3/4 in.	16-1/2 in.	26-3/4 in.	32-1/4 in.	17-5/8 in.	22-1/8 in.	9/16 in.

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