

ADD-A-PHASE® Type AA Phase Converter



Type AA is the ADD-A-PHASE static three-phase converter designed to handle hydraulic elevators, balers, and compaction equipment.

Equipment whose loads vary more than 50% can run on this converter. Using Type AA on these loads is both effective and efficient, especially under light load conditions.

Type AA requires no special starting circuits to “come up to speed” and runs very quietly, which is an advantage for indoor applications such as elevators.

Features and Benefits

- Limit inrush current when motor is starting
- Operates motor to full load rating, plus normal overload
- Provides balanced currents to motors operating at constant horsepower
- Balancing capability enhances maximum motor life
- Power factor near unity
- Units designed for multiple motor applications

1Ø Full-load Amp Rating

Horsepower	Input Voltage	
	240 V	480 V
10	40 A	20 A
15	60 A	30 A
20	80 A	40 A
25	95 A	48 A
30	115 A	58 A
40	150 A	75 A

Specifications

Starting Current:	Approximately 300% of single-phase (1Ø) input FLA
Input Voltage:	240 V or 480 V
Motor Ratings:	10 HP to 40 HP

Enclosure Size & Approximate Shipping Weights

Enclosure	Horsepower	Type 2HE-AA/ 2AA-HE Weight	Type 3HE-AA/ 3AA-HE Weight	Type 4HE-AA/ 4AA-HE Weight
130	10	225 lbs.	269 lbs.	210 lbs.
	15	275 lbs.	319 lbs.	250 lbs.
	20	328 lbs.	373 lbs.	330 lbs.
	25	368 lbs.	410 lbs.	370 lbs.
	30	400 lbs.		
150	30		545 lbs.	498 lbs.
	40	565 lbs.	640 lbs.	585 lbs.

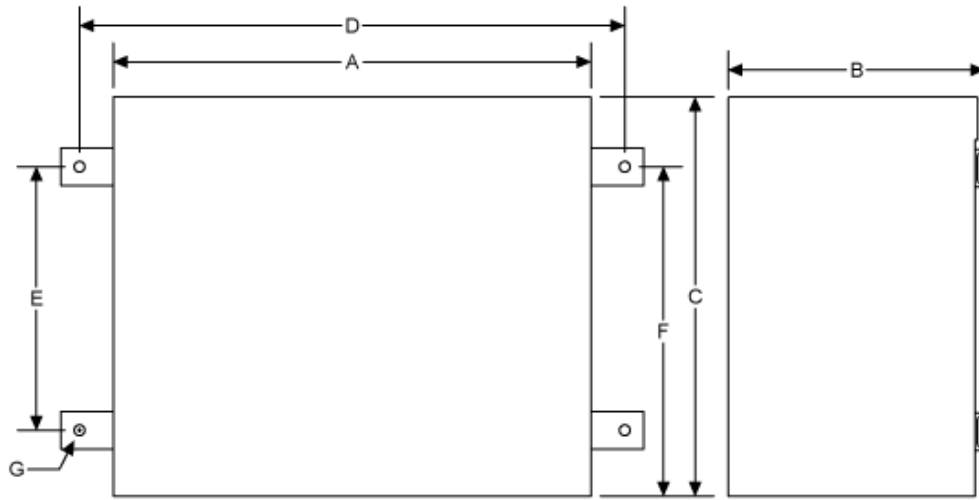


Sales Information: 1-800-221-7665 • Service and Support: 1-217-563-8333

PO Box 160, 106 E State Street, Nokomis, IL 62075-0160 • sales@ronkelectrical.com • www.ronkelectrical.com

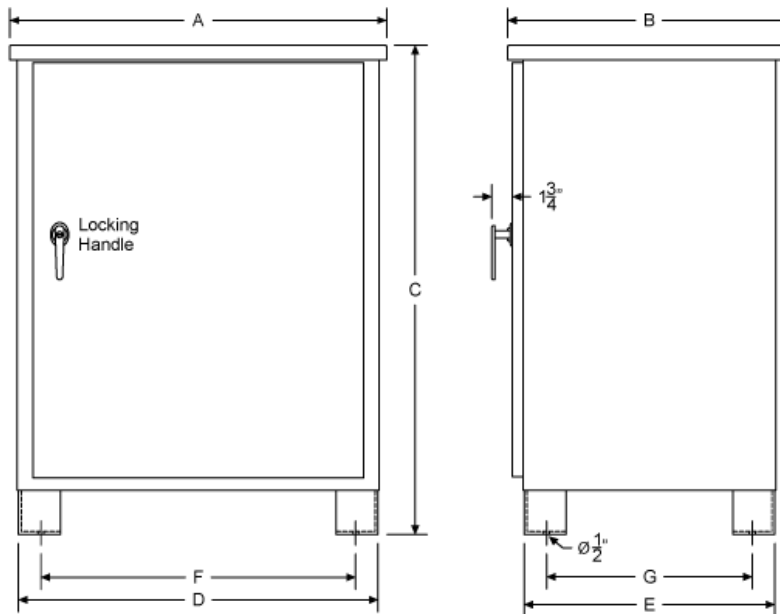
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Nema 3R Enclosures: Frame 130 (in inches)



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
130	10 HP – 30 HP (Type 2HE-AA/2AA-HE) 10 HP – 25 HP (Types 3HE-AA/3AA-HE & 4HE-AA/4AA-HE)	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

Padmount Enclosures



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
150	40 HP (Type 2HE-AA/2AA-HE) 30 HP – 40 HP (Types 3HE-AA/3AA-HE & 4HE-AA/4AA-HE)	32 in.	22-7/8 in.	40-7/8 in.	30 in.	21 in.	27-1/2 in.	18-1/2 in.

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