

ADD-A-PHASE® Type HD Phase Converter



Type HD is the ADD-A-PHASE static three-phase (3 ϕ) converter designed for equipment that must operate under most every condition. Type HD is built with components that allow for greater reliability on these types of applications.

This unit has been successfully used on warning systems and on pipeline installations throughout North America.

Due to its heavy-duty components, Type HD can also be used on applications that require many starts per hour – 60 or more.

Applications

- Blowers – pipe organ
- Door openers
- Fire sirens, community warning sirens
- Flood gates
- Food processing plant
- General applications
- Ice makers
- Valve actuator pipeline motors

Specifications

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

1 ϕ Full-load Amp Rating

Horsepower	Input Voltage	
	240 V	480 V
1	5 A	3 A
1.5	7 A	4 A
2	9 A	6 A
3	13 A	7 A
5	20 A	10 A
7.5	30 A	15 A
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

Enclosure Size & Approximate Shipping Weights

Enclosure	Horsepower	Type 2HD Weight	Type 3HD Weight	Type 4HD Weight
107	1	55 lbs.	116 lbs.	61 lbs.
	1.5	85 lbs.	121 lbs.	85 lbs.
	2	95 lbs.	129 lbs.	95 lbs.
	3	112 lbs.	158 lbs.	110 lbs.
	5	145 lbs.	180 lbs.	145 lbs.
	7.5	178 lbs.	205 lbs.	175 lbs.
115	10	210 lbs.	250 lbs.	215 lbs.
130	15	280 lbs.	315 lbs.	285 lbs.
	20	320 lbs.	390 lbs.	330 lbs.
	25	360 lbs.	410 lbs.	370 lbs.
150	30	497 lbs.	550 lbs.	525 lbs.
	40	565 lbs.	645 lbs.	590 lbs.

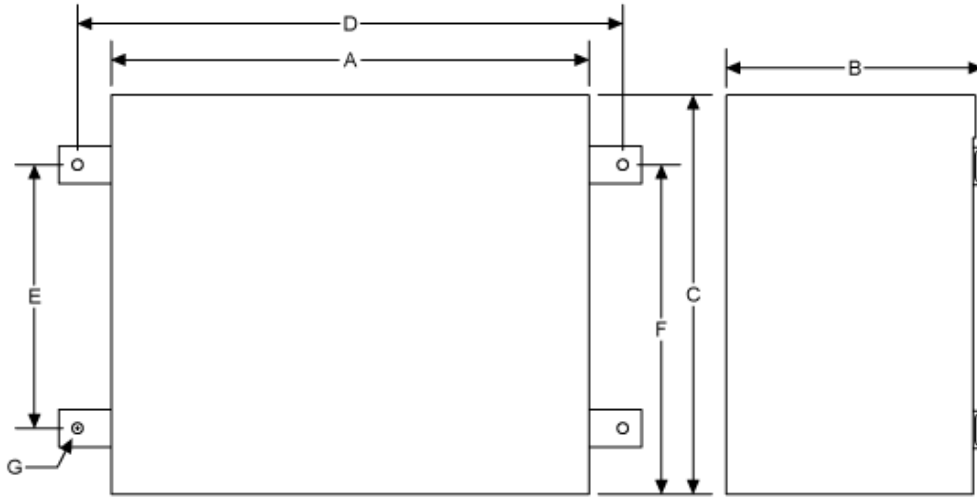
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Sales Information: 1-800-221-7665 • Service and Support: 1-217-563-8333

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

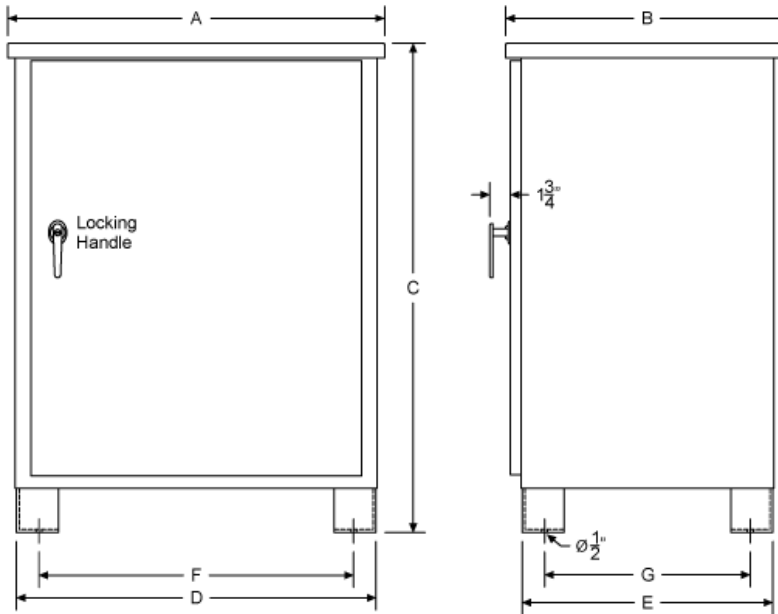
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Nema 3R Enclosures: Frames 107, 115 & 130 (in inches)



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
107	1 HP – 7.5 HP (Types 2HD, 3HD & 4HD)	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 (Types 2HD, 3HD & 4HD)	25-1/2 in.	14 in.	21-1/4 in.	29 in.	14 in.	17-1/2 in.	9/16 in.
130	15 HP – 25 HP (Types 2HD, 3HD & 4HD)	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	30 HP – 40 HP (Types 2HD, 3HD & 4HD)	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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