

# Single Phase Converter Series

## NEMA 3R 240 V (Q1C3) Dimensions and Data

Use Tabs 1 and 2 in [Table 1](#) and Tabs 3 and 4 in [Table 2](#) to determine the correct dimension diagram and schematic diagram depending on converter model and installed options.

**Note:** Options shown with □ indicate that the option is NOT installed.

Options shown with ☒ indicate that the option IS installed.

### 240 V Model Dimensions

Table 1 240 V Model Dimensions (40 °C)

Model Q1C3	Tab 1			Tab 2		
	Power Option (3, 8, H, or Z) <sup>*1,2</sup> □			Power Option (3, 8, H, or Z) <sup>*1,2</sup> ☒		
	Power Option (4) 50 °C Ambient □			Power Option (4) 50 °C Ambient □		
	Schematic Diagram DS.Q1C3R.	Dimension Diagram <sup>*3</sup> DD.	Wt. (lb)	Schematic Diagram DS.Q1C3R.	Dimension Diagram <sup>*3</sup> DD.	Wt. (lb)
H042	SPBC.01	AP1.3R.W3.01	286	SPBC.02	AP1.3R.W4.01	471
H054	SPBC.01	AP1.3R.W3.01	286	SPBC.02	AP1.3R.W4.01	476
H068	SPBC.01	AP1.3R.W3.01	301	SPBC.02	AP1.3R.W4.01	499
H080	SPBC.02	AP1.3R.W4.01	476	SPBC.02	AP1.3R.W4.01	502
H104	SPBC.02	AP1.3R.W4.01	528	SPBC.02	Q1C.3R.SPBC.F1.01	813
H130	SPBC.04	Q1C.3R.SPBC.F1.02	871	SPBC.04	Q1C.3R.SPBC.F1.02	935
H154	SPBC.04	Q1C.3R.SPBC.F1.02	907	SPBC.04	Q1C.3R.SPBC.F1.02	990

\*1. Power Options C, E, F, or 7 are available in any package size.

\*2. Refer to [Table 3 Power Options](#) for Power Option definitions.

\*3. Refer to [Table 4 Dimensions](#) for approximate dimensions.

Table 2 240 V Model Dimensions (50 °C)

Model Q1C3	Tab 3			Tab 4		
	Power Option (3, 8, H, or Z) <sup>*1,2</sup> □			Power Option (3, 8, H, or Z) <sup>*1,2</sup> ☒		
	Power Option (4) 50 °C Ambient ☒			Power Option (4) 50 °C Ambient ☒		
	Schematic Diagram DS.Q1C3R.	Dimension Diagram <sup>*3</sup> DD.	Wt. (lb)	Schematic Diagram DS.Q1C3R.	Dimension Diagram <sup>*3</sup> DD.	Wt. (lb)
H042	SPBC.02	AP1.3R.W4.01	471	SPBC.02	AP1.3R.W4.01	471
H054	SPBC.02	AP1.3R.W4.01	476	SPBC.02	AP1.3R.W4.01	476
H068	SPBC.02	AP1.3R.W4.01	509	SPBC.02	AP1.3R.W4.01	509
H080	SPBC.02	AP1.3R.W4.01	476	SPBC.02	AP1.3R.W4.01	511
H104	SPBC.02	AP1.3R.W4.01	528	SPBC.02	Q1C.3R.SPBC.F1.01	822
H130	SPBC.04	Q1C.3R.SPBC.F1.02	871	SPBC.02	Q1C.3R.SPBC.F1.02	935
H154	SPBC.04	Q1C.3R.SPBC.F1.02	907	SPBC.04	Q1C.3R.SPBC.F1.02	990

\*1. Power Options C, E, F, or 7 are available in any package size.

\*2. Refer to [Table 3 Power Options](#) for Power Option definitions.

\*3. Refer to [Table 4 Dimensions](#) for approximate dimensions.

Table 3 Power Options

Power Option	Definition
3	Space Heater
4	50 °C Ambient
7	Surge Suppressor
8	Motor Terminal Block
C	65 kAIC Circuit Breaker

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Power Option	Definition
E	Standard AIC Circuit Breaker
F	Semiconductor Fuses
H	Output Reactor 3%
Z	dV/dt Filter

## Dimension Diagrams

Table 4 Dimensions

Dimension Diagram	Approximate Dimensions (in)		
	H	W	D
DD.AP1.3R.W3.01	40	28.7	21.5
DD.AP1.3R.W4.01	51	39	21.5
DD.Q1C.3R.SPBC.F1.01	91	40.8	36.5
DD.Q1C.3R.SPBC.F1.02	91	40.8	50.4