

# Single Phase Converter Series

## NEMA 3R 480 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.

### 480 V Model Dimensions

Table 1 480 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)
T040	SPBC.01	AP1.3R.W3.01	305	SPBC.02	AP1.3R.W3.01	492
T052	SPBC.02	AP1.3R.W4.01	507	SPBC.02	AP1.3R.W3.01	524
T065	SPBC.02	AP1.3R.W4.01	546	SPBC.02	Q1C.3R.SPBC.F1.01	829
T077	SPBC.02	AP1.3R.W4.01	574	SPBC.02	Q1C.3R.SPBC.F1.01	859
T096	SPBC.03	Q1C.3R.SPBC.F1.02	917	SPBC.03	Q1C.3R.SPBC.F1.02	963
T124	SPBC.04	Q1C.3R.SPBC.F1.02	961	SPBC.04	Q1C.3R.SPBC.F1.02	1022
T156	SPBC.04	Q1C.3R.SPBC.F1.02	970	SPBC.04	Q1C.3R.SPBC.F1.02	1051

\*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 2 480 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.AP1.3R.	Wt. (lb)
T040	SPBC.02	AP1.3R.W4.01	502	SPBC.02	AP1.3R.W4.01	502
T052	SPBC.02	AP1.3R.W4.01	507	SPBC.02	AP1.3R.W4.01	534
T065	SPBC.02	AP1.3R.W4.01	546	SPBC.02	Q1C.3R.SPBC.F1.01	837
T077	SPBC.02	AP1.3R.W4.01	574	SPBC.02	Q1C.3R.SPBC.F1.01	867
T096	SPBC.03	Q1C.3R.SPBC.F1.02	917	SPBC.03	Q1C.3R.SPBC.F1.02	963
T124	SPBC.04	Q1C.3R.SPBC.F1.02	961	SPBC.04	Q1C.3R.SPBC.F1.02	1022
T156	SPBC.04	Q1C.3R.SPBC.F1.02	970	SPBC.04	Q1C.3R.SPBC.F1.02	1051

\*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

# Single Phase Converter Series

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