

Z1E3 (NEMA 3R Configured) 480 V, 40 °C Product Data

Z1000U Matrix Configured Drive NEMA Type 3R Dimensions and Data

Use Tabs 1 to 8 in the tables below to determine the correct dimension diagram and schematic diagram depending on drive 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, Standard 40 °C Ambient

Model Z1E3	Tab 1			Tab 2			Tab 3			Tab 4		
	Output Reactor 5% PK <input type="checkbox"/>			Output Reactor 5% PK <input type="checkbox"/>			Output Reactor 5% PK <input type="checkbox"/>			Output Reactor 5% PK <input type="checkbox"/>		
	Space Heater P3 <input type="checkbox"/>			Space Heater P3 <input checked="" type="checkbox"/>			Space Heater P3 <input type="checkbox"/>			Space Heater P3 <input checked="" type="checkbox"/>		
	200 VA Transformer TK <input type="checkbox"/>			200 VA Transformer TK <input type="checkbox"/>			200 VA Transformer TK <input checked="" type="checkbox"/>			200 VA Transformer TK <input checked="" type="checkbox"/>		
Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	
B011	01	W1.01	193	01	W1.01	193	01	W1.01	193	01	W1.01	193
B014	01	W1.01	193	01	W1.01	193	01	W1.01	193	01	W1.01	193
B021	01	W1.01	196	01	W1.01	196	01	W1.01	196	01	W1.01	196
B027	01	W1.01	196	01	W1.01	196	01	W1.01	196	01	W1.01	196
B034	01	W1.01	198	01	W1.01	198	01	W1.01	198	01	W1.01	198
B040	01	W2.01	257	01	W2.01	257	01	W2.01	257	01	W2.01	257
B052	01	W2.01	257	01	W2.01	257	01	W2.01	257	01	W2.01	257
B065	01	W2.01	271	01	W2.01	271	01	W2.01	271	01	W2.01	271
B077	01	W2.01	272	01	W2.01	272	01	W2.01	272	01	W2.01	272
B096	01	W3.01	414	01	W3.01	414	01	W3.01	414	01	W3.01	414
B124	02	W3.01	429	02	W3.01	429	02	W3.01	429	02	W3.01	429
B156	01	F1.02	903	01	F1.02	903	01	F1.02	903	01	F1.02	903
B180	01	F1.02	909	01	F1.02	909	01	F1.02	909	01	F1.02	909
B240	01	F1.02	1069	01	F1.02	1069	01	F1.02	1069	01	F1.02	1069
B302	04	F2.01	1586	04	F2.01	1586	04	F2.01	1586	04	F2.01	1586
B361	04	F2.01	1604	04	F2.01	1604	04	F2.01	1604	04	F2.01	1604
B414	04	F2.01	1622	04	F2.01	1622	04	F2.01	1622	04	F2.01	1622

*1. Refer to [Dimension Diagrams](#) for rough dimensions.

Z1E3 (NEMA 3R Configured) 480 V, 40 °C Product Data

480 V Model Dimensions, Standard 40 °C Ambient

Model Z1E3	Tab 5			Tab 6			Tab 7			Tab 8		
	Output Reactor 5% PK ☒			Output Reactor 5% PK ☒			Output Reactor 5% PK ☒			Output Reactor 5% PK ☒		
	Space Heater P3 □			Space Heater P3 ☒			Space Heater P3 □			Space Heater P3 ☒		
	200 VA Transformer TK □			200 VA Transformer TK □			200 VA Transformer TK ☒			200 VA Transformer TK ☒		
	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1E3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)
B011	01	W2.01	237	01	W2.01	237	01	W2.01	237	01	W2.01	237
B014	01	W2.01	240	01	W2.01	240	01	W2.01	240	01	W2.01	240
B021	01	W2.01	242	01	W2.01	242	01	W2.01	242	01	W2.01	242
B027	01	W2.01	246	01	W2.01	246	01	W2.01	246	01	W2.01	246
B034	01	W3.01	333	01	W3.01	333	01	W3.01	333	01	W3.01	333
B040	01	W3.01	362	01	W3.01	362	01	W3.01	362	01	W3.01	362
B052	01	W3.01	363	01	W3.01	363	01	W3.01	363	01	W3.01	363
B065	01	W3.01	385	01	W3.01	385	01	W3.01	385	09	W3.01	385
B077	01	W3.01	395	01	W3.01	395	01	W3.01	395	09	W3.01	395
B096	01	W3.01	469	01	W3.01	469	01	W3.01	469	01	W3.01	469
B124	02	W3.01	485	02	W3.01	485	02	W3.01	485	02	W3.01	485
B156	01	F1.02	990	01	F1.02	990	01	F1.02	990	09	F1.02	990
B180	01	F1.02	1015	01	F1.02	1015	01	F1.02	1015	01	F1.02	1015
B240	01	F1.02	1190	01	F1.02	1190	01	F1.02	1190	01	F1.02	1190
B302	04	F2.01	1726	04	F2.01	1726	04	F2.01	1726	04	F2.01	1726
B361	04	F2.01	1812	04	F2.01	1812	04	F2.01	1812	04	F2.01	1812
B414	04	F2.01	1841	04	F2.01	1841	04	F2.01	1841	04	F2.01	1841

*1. Refer to [Dimension Diagrams](#) for rough dimensions.

Dimension Diagrams

Dimension Diagram	Rough Dimensions (in.)		
	H	W	D
DD.Z1U.3R.W1.01	38.0	28.5	20.8
DD.Z1U.3R.W2.01	44.9	31.3	23.2
DD.Z1U.3R.W3.01	54.2	35.0	24.4
DD.Z1U.3R.W4.01	68.2	38.0	24.4
DD.Z1U.3R.F1.01	92.0	41.3	36.5
DD.Z1U.3R.F1.02	92.0	41.3	47.4
DD.Z1U.3R.F2.01	93.5	66.3	48.2