

Z1D3 (NEMA 3R Bypass) 208 V, 40 °C Product Data

Z1000U Matrix Bypass Drive NEMA Type 3R Dimensions and Data

Use Tabs 1 to 16 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.

208 V Model Dimensions, Standard 40 °C Ambient

Model Z1D3	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"/>		
	Soft Starter PW <input type="checkbox"/>			Soft Starter PW <input type="checkbox"/>			Soft Starter PW <input type="checkbox"/>			Soft Starter PW <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.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	
D024	01	W1.01	201	01	W1.01	201	01	W1.01	201	01	W1.01	201
D030	01	W2.01	260	01	W2.01	260	01	W2.01	260	01	W2.01	260
D046	01	W2.01	269	01	W2.01	269	01	W2.01	269	01	W2.01	269
D059	01	W2.01	277	01	W2.01	277	01	W2.01	277	01	W2.01	277
D074	01	W2.01	290	01	W2.01	290	01	W2.01	290	01	W2.01	290
D088	01	W3.01	435	01	W3.01	435	01	W3.01	435	01	W3.01	435
D114	02	W3.01	452	02	W3.01	452	02	W3.01	452	02	W3.01	452
D143	01	F1.02	948	01	F1.02	948	01	F1.02	948	09	F1.02	948
D169	01	F1.02	943	01	F1.02	943	01	F1.02	943	01	F1.02	943
D211	01	F1.02	1128	01	F1.02	1128	01	F1.02	1128	01	F1.02	1128

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

208 V Model Dimensions, Standard 40 °C Ambient

Model Z1D3	Tab 5			Tab 6			Tab 7			Tab 8		
	Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>		
	Soft Starter PW <input type="checkbox"/>			Soft Starter PW <input type="checkbox"/>			Soft Starter PW <input type="checkbox"/>			Soft Starter PW <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.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	
D024	01	W2.01	245	01	W2.01	245	01	W2.01	245	01	W2.01	245
D030	01	W3.01	363	01	W3.01	363	01	W3.01	363	01	W3.01	363
D046	01	W3.01	374	01	W3.01	374	01	W3.01	374	01	W3.01	374
D059	01	W3.01	386	01	W3.01	386	01	W3.01	386	01	W3.01	386
D074	01	W3.01	396	01	W3.01	396	01	W3.01	396	09	W3.01	396
D088	01	W4.01	545	01	W4.01	545	01	W4.01	545	01	W4.01	545
D114	01	W4.01	551	01	W4.01	551	01	W4.01	551	01	W4.01	551
D143	01	F1.02	988	01	F1.02	988	01	F1.02	988	09	F1.02	988
D169	01	F1.02	1004	01	F1.02	1004	01	F1.02	1004	01	F1.02	1004
D211	01	F1.02	1210	01	F1.02	1210	01	F1.02	1210	01	F1.02	1210

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

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208 V Model Dimensions, Standard 40 °C Ambient

Model Z1D3	Tab 9			Tab 10			Tab 11			Tab 12		
	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"/>		
	Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" 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.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)
D024	01	W2.01	262	01	W2.01	262	01	W2.01	262	01	W2.01	262
D030	01	W3.01	377	01	W3.01	377	01	W3.01	377	09	W3.01	377
D046	01	W3.01	395	01	W3.01	395	01	W3.01	395	09	W3.01	395
D059	01	W3.01	407	01	W3.01	407	01	W3.01	407	09	W3.01	407
D074	01	W3.01	415	01	W3.01	415	01	W3.01	415	09	W3.01	415
D088	01	W4.01	566	01	W4.01	566	01	W4.01	566	09	W4.01	566
D114	01	W4.01	581	01	W4.01	581	01	W4.01	581	09	W4.01	581
D143	01	F1.02	1027	01	F1.02	1027	01	F1.02	1027	09	F1.02	1027
D169	01	F1.02	1044	01	F1.02	1044	01	F1.02	1044	09	F1.02	1044
D211	01	F1.02	1265	01	F1.02	1265	01	F1.02	1265	09	F1.02	1265

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

208 V Model Dimensions, Standard 40 °C Ambient

Model Z1D3	Tab 13			Tab 14			Tab 15			Tab 16		
	Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>			Output Reactor 5% PK <input checked="" type="checkbox"/>		
	Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" type="checkbox"/>			Soft Starter PW <input checked="" 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.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)	Schematic Diagram DS.Z1D3.	Dimension Diagram *1 DD.Z1U.3R.	Wt. (lb.)
D024	01	W2.01	262	01	W2.01	262	01	W2.01	262	01	W2.01	262
D030	01	W3.01	377	01	W3.01	377	01	W3.01	377	09	W3.01	377
D046	01	W3.01	395	01	W3.01	395	01	W3.01	395	09	W3.01	395
D059	01	W3.01	407	01	W3.01	407	01	W3.01	407	09	W3.01	407
D074	01	W3.01	415	01	W3.01	415	01	W3.01	415	09	W3.01	415
D088	01	W4.01	566	01	W4.01	566	01	W4.01	566	09	W4.01	566
D114	01	W4.01	581	01	W4.01	581	01	W4.01	581	09	W4.01	581
D143	01	F1.02	1027	01	F1.02	1027	01	F1.02	1027	09	F1.02	1027
D169	01	F1.02	1044	01	F1.02	1044	01	F1.02	1044	09	F1.02	1044
D211	01	F1.02	1265	01	F1.02	1265	01	F1.02	1265	09	F1.02	1265

*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