

Catalog Number Explanation

Position Number

1-4		6	7		8		10
1321	-	3	R	-	4	-	B
a		b	c		d		e

a	
Product	
Code	Type
1321	1321 Power Component

b	
Phases	
Code	Description
3	Three-Phase

c	
Device	
Code	Description
R, RB	Reactor, Open
RA/RAB ⁽¹⁾	Reactor, NEMA 1

(1) RAB is only available in cabinet style 2 or 3.

d	
Fundamental Amps	
Code	Amps
1	1
2	2
4	4
8	8
12	12
18	18
25	25
35	35
45	45
55	55
80	80
100	100
130	130
160	160
200	200
250	250
320	320
400	400
500	500
600	600
750	750
850	850
1000	1000

e	
Inductance Rating	
Code	Description
A	Each reactor current rating has four inductance ratings also available. See the IP00 dimension table.
B	
C	
D	

See [Typical Termination Types and Specifications on page 9](#) for dimensions.

Sizing Guidelines (Continued)

Catalog Number	Fundamental Amps	Inductance - mH (Based on Fundamental Amps)	Watts Loss	Dimensions in mm (in.) and Weight in kg (lb)						
				A	B	C ⁽¹⁾	D ^{(2) (3)}	E	F	Weight (apx.)
1321-3R55-A	55	0.25	32	227.8 (9.0)	174.0 (6.9)	116.8 (4.6) 5.4	83 (3.3)	76 (3.0)	108 (4.3)	8.9 (19.6)
1321-3R55-B		0.5	50	227.8 (9.0)	174.0 (6.9)	116.8 (4.6) 5.4	83 (3.3)	76 (3.0)	108 (4.3)	9.5 (21.0)
1321-3R55-C		0.85	61	227.8 (9.0)	174.0 (6.9)	129.5 (5.1) 5.9	96 (3.8)	76 (3.0)	108 (4.3)	12.6 (27.8)
1321-3R80-A	80	0.2	59	228.6 (9.0)	203.2 (8.0)	157.5 (6.2)	83 (3.3)	76 (3.0)	108 (4.3)	12.7 (28.0)
1321-3R80-B		0.4	82	233.7 (9.2)	200.7 (7.9)	172.7 (6.8)	96 (3.8)	76 (3.0)	108 (4.3)	15 (33.0)
1321-3R80-C		0.7	106	292.1 (11.5)	218.4 (8.6)	208.3 (8.2)	111 (4.4)	92 (3.63)	141.7 (5.6)	22.7 (50.0)
1321-3R100-A	100	0.15	59	228.6 (9.0)	200.7 (7.9)	165.1 (6.5)	83 (3.3)	76 (3.0)	108 (4.3)	13.2 (29.0)
1321-3R100-B		0.3	94	238.8 (9.4)	200.7 (7.9)	175.3 (6.9)	96 (3.8)	76 (3.0)	108 (4.3)	15.9 (35.0)
1321-3R100-C		0.45	108	292.1 (11.5)	218.4 (8.6)	195.6 (7.7)	111 (4.4)	92 (3.63)	141.7 (5.6)	24.5 (54.0)
1321-3R130-A	130	0.1	71	259.1 (10.2)	210.8 (8.3)	170.2 (6.7)	83 (3.3)	76 (3.0)	108 (4.3)	13.6 (30.0)
1321-3R130-B		0.2	117	259.1 (10.2)	210.8 (8.3)	210.8 (8.3)	108 (4.3)	76 (3.0)	108 (4.3)	17.2 (38.0)
1321-3R130-C		0.3	116	292.1 (11.5)	215.9 (8.5)	226.1 (8.9)	117 (4.6)	92 (3.63)	141.7 (5.6)	25.4 (56.0)
1321-3R160-A	160	0.075	71	259.1 (10.2)	200.7 (7.9)	190.5 (7.5)	108 (4.3)	76 (3.0)	108 (4.3)	20.0 (44.0)
1321-3R160-B		0.15	112	289.6 (11.4)	218.4 (8.6)	218.4 (8.6)	98 (3.9)	92 (3.63)	141.7 (5.6)	20.4 (45.0)
1321-3R160-C		0.23	131	289.6 (11.4)	218.4 (8.6)	228.6 (9.0)	123 (4.9)	92 (3.63)	141.7 (5.6)	29.5 (65.0)
1321-3R200-A	200	0.055	83	256.5 (10.1)	188.0 (7.4)	195.6 (7.7)	108 (4.3)	76 (3.0)	108 (4.3)	16.3 (36.0)
1321-3R200-B		0.11	142	256.5 (10.1)	203.2 (8.0)	233.7 (9.2)	122 (4.8)	76 (3.0)	108 (4.3)	22.2 (49.0)
1321-3R200-C		0.185	146	284.5 (11.2)	218.4 (8.6)	259.1 (10.2)	142 (5.6)	92 (3.63)	141.7 (5.6)	34.9 (77.0)
1321-3RB250-A	250	0.045	122	256.5 (10.1)	203.2 (8.0)	266.7 (10.5)	108 (4.3)	92 (3.63)	108 (4.3)	18.1 (40.0)
1321-3RB250-B		0.09	116	284.5 (11.2)	231.1 (9.1)	241.3 (9.5)	124 (4.9)	92 (3.63)	141.7 (5.6)	29.5 (65.0)
1321-3RB250-C		0.15	178	381.0 (15.0)	287.0 (11.3)	251.5 (9.9)	155 (6.1)	117 (4.6)	182.89 (7.2)	52.2 (115.0)
1321-3RB320-A	320	0.04	149	284.5 (11.2)	218.4 (8.6)	218.4 (8.6)	123 (4.9)	92.2 (3.6)	141.7 (5.6)	27.7 (61.0)
1321-3RB320-B		0.075	222	284.5 (11.2)	218.4 (8.6)	243.8 (9.6)	149 (5.9)	92.2 (3.6)	141.7 (5.6)	37.2 (82.0)
1321-3RB320-C		0.125	241	360.7 (14.2)	289.6 (11.4)	299.7 (11.8)	181 (7.1)	117 (4.6)	182.9 (7.2)	57.6 (127.0)
1321-3RB400-A	400	0.03	146	284.5 (11.2)	231.1 (9.1)	259.1 (10.2)	136 (5.4)	92.2 (3.6)	141.7 (5.6)	32.6 (72.0)
1321-3RB400-B		0.06	203	355.6 (14.0)	289.6 (11.4)	279.4 (11.0)	168 (6.6)	117 (4.6)	182.9 (7.2)	49.9 (110.0)
1321-3RB400-C		0.105	285	360.7 (14.2)	289.6 (11.4)	320.0 (12.6)	193 (7.6)	117 (4.6)	182.9 (7.2)	64.4 (142.0)
1321-3R500-A	500	0.025	158	284.5 (11.2)	231.1 (9.1)	297.2 (11.7)	136 (5.4)	92.2 (3.6)	141.7 (5.6)	34.9 (77.0)
1321-3R500-B		0.05	242	368.3 (14.5)	299.7 (11.8)	355.6 (14.0)	181 (7.1)	117 (4.6)	182.9 (7.2)	57.6 (127.0)
1321-3R500-C		0.085	308	368.3 (14.5)	299.7 (11.8)	414.0 (16.3)	231 (9.1)	117 (4.6)	182.9 (7.2)	85.7 (189.0)
1321-3R600-A	600	0.02	222	368.3 (14.5)	299.7 (11.8)	304.8 (12.0)	155 (6.1)	117 (4.6)	182.9 (7.2)	49.9 (110.0)
1321-3R600-B		0.04	279	368.3 (14.5)	299.7 (11.8)	348.0 (13.7)	193 (7.6)	117 (4.6)	182.9 (7.2)	66.7 (147.0)
1321-3R600-C		0.065	355	368.3 (14.5)	299.7 (11.8)	419.1 (16.5)	257 (10.1)	117 (4.6)	182.9 (7.2)	99.4 (219.0)
1321-3R750-A	750	0.015	227	368.3 (14.5)	299.7 (11.8)	345.4 (13.6)	168 (6.6)	117 (4.6)	182.9 (7.2)	54.4 (120.0)
1321-3R750-B		0.029	327	373.4 (14.7)	365.8 (14.4)	373.4 (14.7)	197 (7.8)	117 (4.6)	182.9 (7.2)	93.0 (205.0)
1321-3R750-C		0.048	433	381.0 (15.0)	365.8 (14.4)	391.2 (15.4)	223 (8.8)	117 (4.6)	182.9 (7.2)	111.6 (246.0)
1321-3R850-A	850	0.015	293	365.8 (14.4)	365.8 (14.4)	315.0 (12.4)	206 (8.1)	117 (4.6)	182.9 (7.2)	66.7 (147.0)
1321-3R850-B		0.027	386	365.8 (14.4)	365.8 (14.4)	327.7 (12.9)	219 (8.6)	117 (4.6)	182.9 (7.2)	78.9 (174.0)
1321-3R850-C		0.042	386	365.8 (14.4)	365.8 (14.4)	393.7 (15.5)	282 (11.1)	117 (4.6)	182.9 (7.2)	118.9 (262.0)
1321-3R1000-B	1000	0.022	507	375.9 (14.8)	373.4 (14.7)	368.3 (14.5)	231 (9.1)	117 (4.6)	182.9 (7.2)	89.4 (197.0)
1321-3R1000-C		0.038	480	375.9 (14.8)	373.4 (14.7)	419.1 (16.5)	282 (11.1)	117 (4.6)	182.9 (7.2)	121.6 (268.0)

(1) Dimension C is measured at the widest point of the line reactor. This could be at the base or at the terminal depending on the catalog number. See [Typical Termination Types and Specifications on page 9](#) for examples of line reactor types.

(2) Removable lifting rings are supplied with the unit.

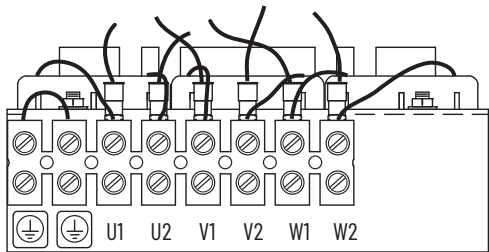
(3) For closed slot units, the center dimension is measured from the center of the slot. For open slots, the center dimension is measure from the inner most radii.

1321-RWR Assembly Components

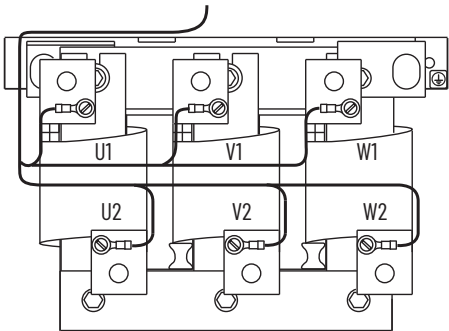
400/480V			
Reactor	Resistor		Wire Size (AWG)
	Ohms (Ω)	Watts	
1321-3R8-B	50	250	14...12
1321-3R12-B	50	250	14...12
1321-3R18-B	50	250	14...12
1321-3R25-B	50	250	10
1321-3R35-B	50	250	8...6
1321-3R45-B	50	250	6
1321-3R55-B	50	250	4
1321-3R80-B	50	250	2/0
1321-3R100-B	50	250	2/0
1321-3R130-B	50	300	2/0
1321-3R160-B	50	300	4/0
1321-3R200-B	50	300	250 MCM
1321-3RB250-B	50	300	350 MCM
1321-3R320-B	50	300	500 MCM

600V			
Reactor	Resistor		Wire Size (AWG)
	Ohms (Ω)	Watts	
1321-3R8-B	50	360	14...12
1321-3R12-B	50	360	14...12
1321-3R18-B	50	360	14...12
1321-3R25-B	50	360	10
1321-3R35-B	50	360	8...6
1321-3R45-B	50	360	6
1321-3R55-B	50	375	4
1321-3R80-B	50	375	2/0
1321-3R100-B	50	375	2/0
1321-3R130-B	50	420	2/0
1321-3R160-B	50	420	4/0
1321-3R200-B	50	420	250 MCM
1321-3RB250-B	50	420	350 MCM

Terminal Block Details



Details Figure 1 and Figure 2



Details Figure 3