

Wiring Diagrams, Ratings, and Weights (Continued)

kVA	Catalog Number	Style	Primary Voltage	Secondary Voltage	Wiring Diagram	Weight kg (lbs.)
660	1321-3TH660-AA	NJ3	230	230	1	1360.8 (3000)
	1321-3TH660-AB	NJ3	230	460	3	1360.8 (3000)
	1321-3TH660-AC	NJ3	230	575	3	1360.8 (3000)
	1321-3TH660-BA	NJ3	460	230	1	1360.8 (3000)
	1321-3TH660-BB	NJ3	460	460	1	1360.8 (3000)
	1321-3TH880-BC	NJ6	460	575	3	1678.3 (3700)
	1321-3TH880-CA	NJ6	575	230	1	1678.3 (3700)
	1321-3TH880-CB	NJ6	575	460	1	1678.3 (3700)
	1321-3TH880-CC	NJ6	575	575	1	1678.3 (3700)
	1321-3TH660-BC	NJ3	460	575	3	1360.8 (3000)
	1321-3TH660-CA	NJ3	575	230	1	1360.8 (3000)
	1321-3TH660-CB	NJ3	575	460	1	1360.8 (3000)
	1321-3TH660-CC	NJ3	575	575	1	1360.8 (3000)

kVA	Catalog Number	Style	Primary Voltage	Secondary Voltage	Wiring Diagram	Weight kg (lbs.)
770	1321-3TH770-AA	NJ3	230	230	1	1587.6 (3500)
	1321-3TH770-AB	NJ3	230	460	3	1587.6 (3500)
	1321-3TH770-AC	NJ3	230	575	3	1587.6 (3500)
	1321-3TH770-BA	NJ3	460	230	1	1587.6 (3500)
	1321-3TH770-BB	NJ3	460	460	1	1587.6 (3500)
	1321-3TH770-BC	NJ3	460	575	3	1587.6 (3500)
	1321-3TH770-CA	NJ3	575	230	1	1587.6 (3500)
	1321-3TH770-CB	NJ3	575	460	1	1587.6 (3500)
	1321-3TH770-CC	NJ3	575	575	1	1587.6 (3500)
	1321-3TH880-AA	NJ6	230	230	1	1678.3 (3700)
880	1321-3TH880-AB	NJ6	230	460	3	1678.3 (3700)
	1321-3TH880-AC	NJ6	230	575	3	1678.3 (3700)
	1321-3TH880-BA	NJ6	460	230	1	1678.3 (3700)
	1321-3TH880-BB	NJ6	460	460	1	1678.3 (3700)

1321-Mxxx Common Mode Chokes

1321-Mxxx Common Mode Chokes can be installed with the following Allen-Bradley AC drives.

- PowerFlex® 4-Class
- PowerFlex 520-Series
- PowerFlex 7-Class
- PowerFlex 750-Series
- 1305
- 1336 PLUS™
- 1336 PLUS™ II
- 1336 IMPACT™
- 1336 FORCE™

When installed at the drive output the common mode choke helps to guard against interference with other electrical equipment (Programmable Controllers, sensors, analog circuits, and so forth). In addition, reducing the PWM carrier frequency reduces the effects and lowers the risk of common mode noise interference.

Catalog Number Explanation

Position

1-467

1321 - M 009

a b c

a

Product	
Code	Type
1321	Power Component

b

Device	
Code	Description
M	Common Mode Choke

c

Current Rating	
Code	Amps
001 *	1
009	9
048	48
055	55
180	180
670	670

* Same core as 1321-M009. Can be used in place of the M009, M048, or M180 if the terminal block and windings typical of those ratings are not desired.

Ratings

PowerFlex AC Drives

Choke Type	Used With	Ratings	Catalog Number
Open Style, 1A	All PowerFlex Drives	Communication Cables, Analog Signal Cables, and so forth	1321-M001
Open Style, 9A (with terminal strip)	PowerFlex 4M/4/40/40P	0.2...1.1 kW (0.25...2 HP), 100...115V 0.2...1.5 kW (0.25...2 HP), 200...240V 0.4...2.2 kW (0.5...3 HP), 380...480V	1321-M009
	PowerFlex 400	2.2 kW (3 HP) 400...480V	
	PowerFlex 520-Series	0.2...1.1 kW (0.25...1.5 HP), 100...120V 0.2...1.1 kW (0.25...2 HP), 208...240V 0.4...2.2 kW (0.5...3 HP), 400...480V	
	PowerFlex 7-Class	0.3...2.2 kW (0.5...3 HP), 208...230V 0.4...4 kW (0.5...5 HP), 400...480V	
	PowerFlex 750-Series	0.75...4 kW (0.5...5 HP), 400...480V	
Open Style, 48A	PowerFlex 4M/4/40/40P	2.2...7.5 kW (3...10 HP), 200...240V 2.2...11 kW (3...15 HP), 380...480V 2.2...11 kW (3...15 HP), 600V	1321-M048
	PowerFlex 400	2.2...11 kW (3...15 HP), 200...240V 4...22 kW (5...30 HP), 380...480V	
	PowerFlex 520-Series	0.2...14 kW (3...20 HP), 200...240V 4...22 kW (5...30 HP), 400...480V 5.5...22 kW (7.5...30 HP), 600V	
	PowerFlex 7-Class	2.2...11 kW (3...15 HP), 208...240V 4...22 kW (5...30 HP), 400...480V 5.5...37 kW (10...40 HP), 600V	
	PowerFlex 750-Series	5.5...22 kW (7.5...30 HP), 400...480V 5.5...37 kW (7.5...40 HP), 600...690V	
Open Style, 55A	PowerFlex 7-Class	14 kW (20 HP), 208...240V 22...30 kW (30...40 HP), 400...480V 45 kW (50 HP), 600V	1321-M055
	PowerFlex 750-Series	22...30 kW (30...40 HP), 400...480V 45 kW (50 HP), 600...690V	
Open Style, 180A	PowerFlex 7-Class	14...44 kW (20...60 HP), 208...240V 30...110 kW (40...150 HP), 400...480V 45...132 kW (50...150 HP), 600V	1321-M180
	PowerFlex 750-Series	30...90 kW (40...125 HP), 400...480V 45...132 kW (50...150 HP), 600...690V	
Open Style, 670A	PowerFlex 7-Class	55...75 kW (75...100 HP), 208...240V 149...373 kW (200...500 HP), 400...480V 149...522 kW (200...700 HP), 600V	1321-M670
	PowerFlex 750-Series	110...447 kW (150...600 HP), 400...480V 149...597 kW (200...800 HP), 600...690V	

Allen-Bradley Legacy AC Drives

Choke Type	Used With	Ratings	Catalog Number
Open Style, 1A	All Legacy Drives	Communication Cables, Analog Signal Cables, and so forth	1321-M001
Open Style, 9A (with terminal strip)	1305, 1336 PLUS, and 1336 PLUS II	0.37...2.2 kW (0.5...2 HP), 230V 0.37...3.7 kW (0.5...5 HP), 480V	1321-M009
	1336 IMPACT	0.37...3.7 kW (0.5...5 HP), 480V	
	1336 FORCE	0.75 kW (1 HP), 230V 0.75...2.2 kW (1...3 HP), 480V and 600V	

Allen-Bradley Legacy AC Drives (Continued)

Choke Type	Used With	Ratings	Catalog Number
Open Style, 48A	1336 PLUS and 1336 PLUS II	2.2...11 kW (3...15 HP), 230V 5.5...22 kW (7.5...30 HP), 480V 0.75...30 kW (1...40 HP), 600V	1321-M048
	1336 IMPACT	5.5...22 kW (7.5...30 HP), 480V 5.5...30 kW (7.5...40 HP), 600V	
	1336 FORCE	2.2...11 kW (3...15 HP), 230V 2.2...22 kW (3...30 HP), 480V 0.75...30 kW (1...40 HP), 600V	
Open Style, 55A	1336 PLUS II	14 kW (20 HP), 230V 22...30 kW (30...40 HP), 480V 45 kW (50 HP), 600V	1321-M055
	1336 IMPACT	22...30 kW (30...40 HP), 480V 45 kW (50 HP), 600V	
Open Style, 180A	1336 PLUS and 1336 PLUS II	15...45 kW (20...60 HP), 230V 30...112 kW (40...150 HP), 480V 37...112 kW (50...150 HP), 600V	1321-M180
	1336 IMPACT	30...112 kW (40...150 HP), 480V 37...93 kW (50...125 HP), 600V	
	1336 FORCE	15...45 kW (20...60 HP), 230V 30...112 kW (40...150 HP), 480V 37...112 kW (50...150 HP), 600V	
Open Style, 670A	1336 PLUS and 1336 PLUS II	56...93 kW (75...125 HP), 230V 112...448 kW (150...600 HP), 480V 149...448 kW (200...600 HP), 600V	1321-M670
	1336 IMPACT	112...448 kW (150...600 HP), 480V 149...448 kW (200...600 HP), 600V	
	1336 FORCE	56...93 kW (75...125 HP), 230V 112...448 kW (150...600 HP), 480V 149...448 kW (200...600 HP), 600V	

Approximate Mounting Dimensions

