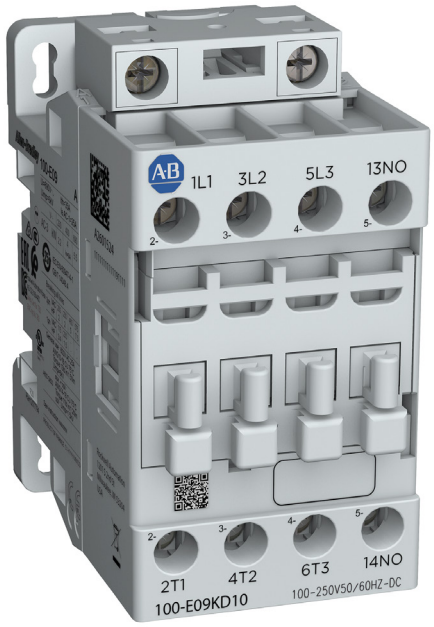
100E12KN01

Allen-Bradley 100E Contactor 5.5KW 3P 250-500V AC/DC Coil 1NC Auxiliary

CONTACTORS

NHP Allen-Bradley



Component type	Power contactor, AC switching
Range	100E
Model	N/A
Product status	Existing

The Allen-Bradley 100-E next-generation contactors are available in a range of sizes from 9 to 2650 A, reducing width and weight while maximising panel space. The universal electronic AC/DC coil makes selection easy and offers significant energy savings and direct connection to PLCs for contactors above 100 A.

ELECTRICAL	Number of normally open contacts as main contact	3
	Number of normally closed contacts as main contact	0
	Rated operation current Ie at AC-3, 400 V	12 A
	Rated operation power at AC-3, 400 V	5.5 kW
	Rated operation current Ie at AC-1, 400 V	28 A
	Max. rated operation voltage Ue AC	690 V
	Voltage type for actuating	AC/DC
	Rated control supply voltage Us at AC 50HZ	250-500 V
	Rated control supply voltage Us at DC	250-500 V
	Number of auxiliary contacts as normally open contact	0
	Number of auxiliary contacts as normally closed contact	1
	Rated operation current Ie at AC-3, 690 V	9 A
	Rated operation power at AC-3, 690 V	7.5 kW
	Rated control supply voltage Us at AC 60HZ	250-500 V
	Power consumption, AC coil pickup	50 VA
	Power consumption, AC coil hold-in	2.2 VA
	Power consumption, DC coil pickup	50 W
	Power consumption, DC coil hold-in	2 W
	Type of electrical connection of main circuit	Screw connection
CONSTRUCTION	IP rating	IP20
	Mounting method	DIN-rail/screw
DIMENSIONS	Height	86 mm
	Width	45 mm

Published on 03 November 2026

100E12KN01

Allen-Bradley 100E Contactor 5.5KW 3P 250-500V AC/DC Coil 1NC Auxiliary

DIMENSIONS

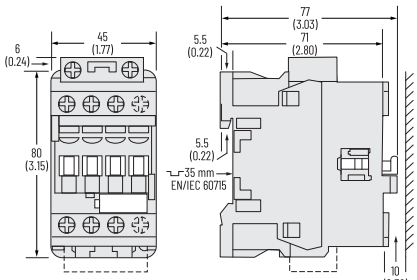
Depth	77 mm
Weight	0.31 kg

100E12KN01

Allen-Bradley 100E Contactor 5.5KW 3P 250-500V AC/DC Coil 1NC Auxiliary

CONTACTORS

DIMENSIONAL DIAGRAM



For contactors with QJ coils, add 20 mm (0.79 in.) to the depth.

Published on 03 November 2026

100E12KN01

Allen-Bradley 100E Contactor 5.5KW 3P 250-500V AC/DC Coil 1NC Auxiliary

CONTACTORS

RELATED PRODUCTS

ACCESSORY



Item No: 100EFA01

Required: No

Description: Allen-Bradley Auxiliary Contact 1NC Front Mount To Suit 100-E09/96



Item No: 100EFA10

Required: No

Description: Allen-Bradley Auxiliary Contact 1NO Front Mount To Suit 100-E09/96

Item No: 100EMCA00A

Required: No

Description: Allen-Bradley Mechanical Interlock For 100-E09/38

Item No: 100EMCA00B

Required: No

Description: Allen-Bradley Mechanical Interlock For 100-E40/96 And 100-E40/80 4P