

# 100E190KD11

Allen-Bradley 100E Contactor 90kW 3Pole 100 to 250VAC and VDC Coil 1NO 1NC Contact Auxiliary



Allen-Bradley

by ROCKWELL AUTOMATION

CONTACTORS



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	3.0
Number of normally closed contacts as main contact	0.0
Rated operation current $I_e$ at AC-3, 400 V	190.0 A
Rated operation power at AC-3, 400 V	90.0 kW
Rated operation current $I_e$ at AC-1, 400 V	275.0 A
Max. rated operation voltage $U_e$ AC	1000.0 V
Voltage type for actuating	AC/DC
Rated control supply voltage $U_s$ at AC 50HZ	100 - 250 V
Rated control supply voltage $U_s$ at DC	100 - 250 V
Number of auxiliary contacts as normally open contact	1.0
Number of auxiliary contacts as normally closed contact	1.0
Rated operation current $I_e$ at AC-3, 690 V	135.0 A
Rated operation power at AC-3, 690 V	132.0 kW
Rated operation current $I_e$ at AC-3, 1000 V	85.0 A
Rated operation power at AC-3, 1000 V	110.0 kW
Rated operation power at AC-4, 400 V	63.0 kW
Rated control supply voltage $U_s$ at AC 60HZ	100 - 250 V
Power consumption, AC coil pickup	220.0 VA
Power consumption, AC coil hold-in	7.0 VA
Power consumption, DC coil pickup	190.0 W
Power consumption, DC coil hold-in	2.5 W
Type of electrical connection of main circuit	Bolt connection
Rated operation current $I_e$ at AC-4, 400 V	128.0 A
Degree of protection (IP)	IP00

## CONSTRUCTION

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<b>CONSTRUCTION</b>	Mounting method	Screw mounting
<b>DIMENSIONS</b>	Height	196.0 mm
	Width	105.0 mm
	Depth	152.0 mm
	Weight	3.0 kg