100E190KN11

Allen-Bradley 100E Contactor 90kW 3Pole 250-500V AC/DC Coil 1NO 1NC Auxiliary

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
Number of normally closed contacts as main contact	0
Rated operation current Ie at AC-3, 400 V	190 A
Rated operation power at AC-3, 400 V	90 kW
Rated operation current Ie at AC-1, 400 V	275 A
Max. rated operation voltage Ue AC	1000 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	1
Number of auxiliary contacts as normally closed contact	1
Rated operation current Ie at AC-3, 690 V	135 A
Rated operation power at AC-3, 690 V	132 kW
Rated operation current Ie at AC-3, 1000 V	85 A
Rated operation power at AC-3, 1000 V	110 kW
Rated operation power at AC-4, 400 V	63 kW
Rated control supply voltage Us at AC 60HZ	250-500 V
Power consumption, AC coil pickup	205 VA
Power consumption, AC coil hold-in	16 VA
Power consumption, DC coil pickup	190 W
Power consumption, DC coil hold-in	4 W
Type of electrical connection of main circuit	Bolt connection
Rated operation current Ie at AC-4, 400 V	128 A

CONSTRUCTION

IP rating	IP00

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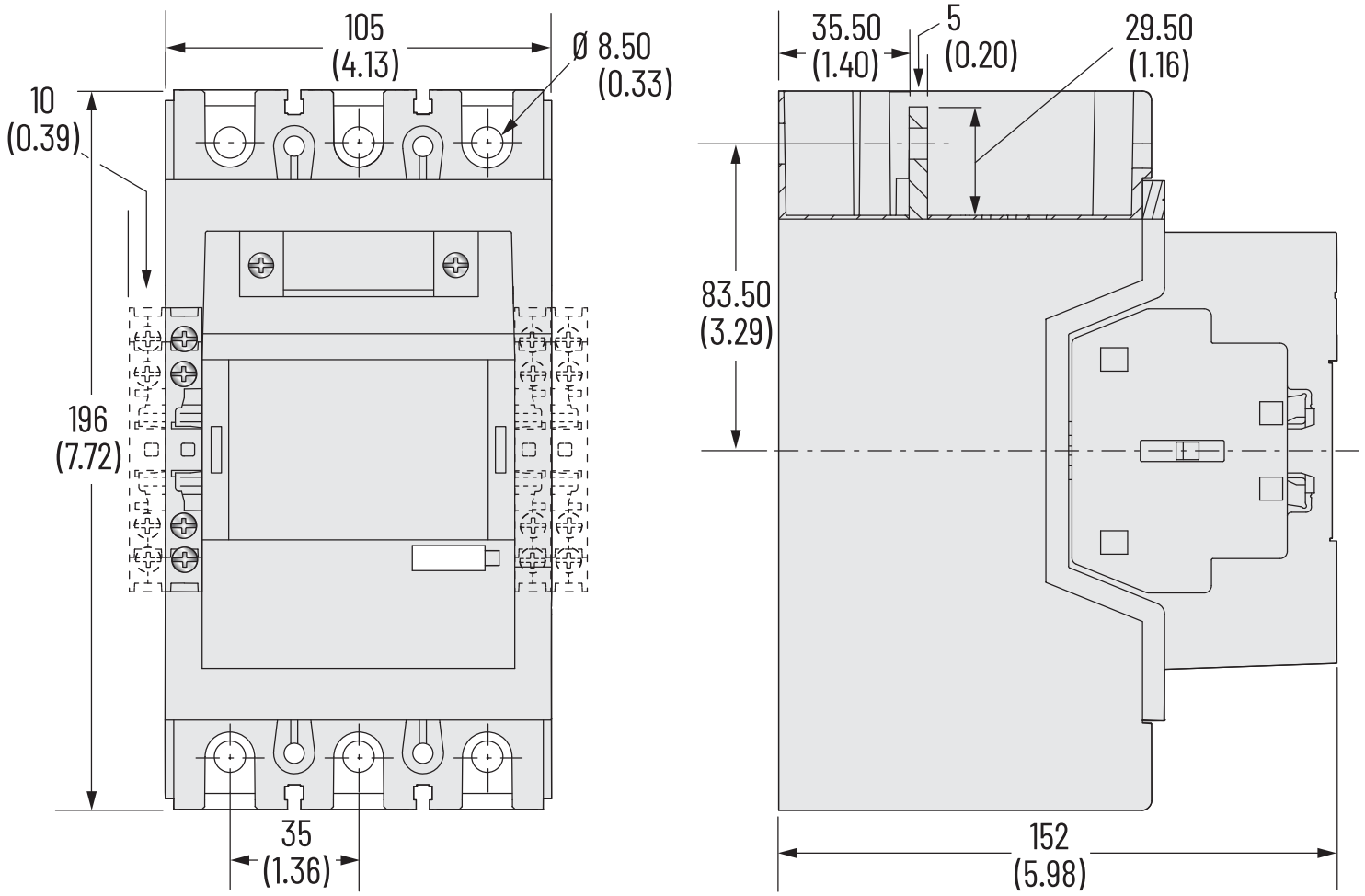
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CONSTRUCTION	**Mounting method**	Screw mounting
DIMENSIONS	**Height**	196 mm
	Width	105 mm
	Depth	152 mm
	Weight	3 kg

DIMENSIONAL DIAGRAM



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

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RELATED PRODUCTS

ACCESSORY



Item No: 100EM100

Required: No

Description: Allen-Bradley 100E Mechanical Interlock



Item No: 100ES111

Required: No

Description: Allen-Bradley 100E Auxiliary Contact with 1NO Contact and 1NC Contact Side Mount Inside Position



Item No: 100ES1B01

Required: No

Description: Allen-Bradley 100E Auxiliary Contact with 1NC Contact Low Power Inside Position Side Mount



Item No: 100ES1B10

Required: No

Description: Allen-Bradley 100E Auxiliary Contact with 1NO Contact Low Power Inside Position



Item No: 100ES211

Required: No

Description: Allen-Bradley 100E Auxiliary Contact with 1NO Contact and 1NC Contact Side Mount Outside Position



Item No: 100ETL205

Required: No

Description: Allen-Bradley 100E Terminal Lug for 100E 190 to 205A

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