

100E116KD11

Allen-Bradley 100E Contactor 55kW 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 | 116.0 A |
| Rated operation power at AC-3, 400 V | 55.0 kW |
| Rated operation current I_e at AC-1, 400 V | 160.0 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 | 66.0 A |
| Rated operation power at AC-3, 690 V | 63.0 kW |
| Rated operation current I_e at AC-3, 1000 V | 46.0 A |
| Rated operation power at AC-3, 1000 V | 55.0 kW |
| Rated operation power at AC-4, 400 V | 45.0 kW |
| Rated control supply voltage U_s at AC 60HZ | 100 - 250 V |
| Power consumption, AC coil pickup | 130.0 VA |
| Power consumption, AC coil hold-in | 6.0 VA |
| Power consumption, DC coil pickup | 135.0 W |
| Power consumption, DC coil hold-in | 5.0 W |
| Type of electrical connection of main circuit | Bolt connection |
| Rated operation current I_e at AC-4, 400 V | 84.0 A |
| Degree of protection (IP) | IP00 |

CONSTRUCTION

100E116KD11

Allen-Bradley 100E Contactor 55kW 3Pole 100 to 250VAC and VDC Coil 1NO 1NC Contact Auxiliary



Allen-Bradley

by ROCKWELL AUTOMATION

CONTACTORS

| CONSTRUCTION | Mounting method | Screw mounting |
|--------------|-----------------|----------------|
| DIMENSIONS | Height | 150.0 mm |
| | Width | 90.0 mm |
| | Depth | 126.0 mm |
| | Weight | 1.5 kg |