Technical Data

Allen-Bradley

IEC Contactor Specifications

Bulletin Numbers 100/104-K, 100/104-C, 100/104S-C, 100/104-D, 100S-D, 100-G, 100Q-C

Topic	Page
Product Line Overview	3
100-K/104-K Miniature Contactors	5
Coil Voltage Codes	5
Assignment of Contacts	6
Specifications	8
Life-Load Curves	12
Approximate Dimensions	14
100-C/104-C, 100S-C/104S-C, 100Q-C Contactors	15
Coil Voltage Codes	15
Assignment of Contacts	18
Specifications	25
Life-Load Curves	36
Maximum Operating Rates	42
Approximate Dimensions	46
100-D/104-D, 100S-D Contactors	51
Coil Voltage Codes	51
Specifications	53
Life-Load Curves	63
Approximate Dimensions	65
100-G Contactors	67
Coil Voltage Codes	67
Specifications	67
Life-Load Curves	73
Permissible Switching Rate	75
Approximate Dimensions	77

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Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at http://www.rockwellautomation.com/literature/. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

IEC Contactors

Bulletin No.	**100-K/104-K**	**100-C/104-C**	**100Q-C**	**100-D/104-D**	**100-G**
Screw Terminals	✓	✓	✓	Thru-hole, threaded (630…860 A)	Thru-hole
Spring Terminals	✓ (5…9 A)	✓ (9…16 A)	—	—	—
Max.Current I_e	12 A	97 A	37 A	860 A	1200 A
Current Rating	5…12 A	9…97 A	16, 32 A	115…860 A	550…1200 A
Features	• Mini-contactors • Uniform panel mounting dimensions • Panel mounting or mounting on 35 mm DIN Rail • AC or DC coil control • Made of environmentally friendly materials	• Panel mounting or mounting on 35 mm DIN Rail • AC or DC coil control • Reversible coil terminals (line or load side) • Common accessories • Made of environmentally friendly materials	• Panel mounting or mounting on 35 mm DIN Rail • AC or DC coil control • Reversible coil terminals (line or load side) • Common accessories • Made of environmentally friendly materials	• Panel mounting only • Made of environmentally friendly materials • AC or DC coil control (conventional or electronic) • Integrated PLC interface (electronic coil)	• Panel mounting • AC or DC coil control • Horizontal or vertical interlock • Latching • 4th pole
Contacts	3 power poles with internal N.O. or N.C. auxiliary contact, or 4 power poles. Optional front-mounted 2- or 4-pole external auxiliary contact block.	3 power poles with internal N.O. or N.C. auxiliary contact or 4 power poles. Optional front- or side-mounted 1-, 2- or 4-pole external auxiliary contact block.	3 main poles with front-mount resistor elements. Optional side-mounted 1-, 2- or 4-pole external auxiliary contact block.	3 power poles with external N.O. and N.C. side-mounted auxiliary contact. Optional side-mounted 2-pole external auxiliary contact blocks	3 power poles with N.O. and N.C. front-mounted auxiliary contact. Optional 4th pole and auxiliary contacts
Coil Voltages	AC = 24…600V, 50/60Hz DC = 12…250V	AC = 12…600V, 50/60Hz DC = 9…250V	AC = 12…600V, 50/60Hz DC = 12…250V	**Conventional Coils** **Cat. Nos. 100-D115…D180** AC: 24…550V 50 Hz, 24…600V 60Hz, 100…277V 50/60Hz DC: 24…250V DC **Electronic Coils** **Cat. Nos. 100-D115…D300** AC: 24…500V 50/60 Hz DC: 24…255V DC **Cat. Nos. 100-D420** AC: 42…500V 50/60 Hz DC: 48…255V DC **Cat. Nos. 100-D630…D860** AC: 100…600V 50/60 Hz DC: 110…255V DC	AC = 110…480V, 50/60Hz DC = 100…440V
Optional Overload Relays	Electronic or bimetallic	Electronic or bimetallic	—	Electronic	Electronic
Optional Accessories	• Front-mount auxiliary contacts • Surge suppressors • Electronic timers • Mechanical interlocks	• Front or side-mount auxiliary contacts • Surge suppressors • Electronic or pneumatic timers • Mechanical interlocks • Mechanical latches	• Side-mount auxiliary contacts • Surge suppressors • Electronic timers	• Side-mount auxiliary contacts • Surge suppressors • IP20 terminal blocks • Terminal shields • Terminal covers • Connecting components • Terminal lugs • Mechanical/electrical interlocks	• Auxiliary contact • 4th pole • Vertical interlock • Horizontal interlock • Mechanical latch
Standards/Certifications	• UL • CSA • IEC • CE Marked • CCC	• UL • CSA • IEC • CE Marked • CCC	• UL • CSA • IEC • CE Marked	• UL • CSA • IEC • CE Marked • CCC(115…180 A - conventional coil; 140…420 A - electronic coil)	• UL • CSA • IEC • CE Marked