



IEC Contactor Specifications

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

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LISTEN.
THINK.
SOLVE.

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