

Product Details and Certifications

Cross Reference RA Part Number: 22-832-602-10

 **Product: 100-D115D11**

Description: Contactor, IEC, 115A, 110V 50Hz / 120V 60Hz,
1 N.O. - 1 N.C. Auxiliary Contacts



Representative Photo Only (actual product may vary based on configuration sections)

CONTACTOR DATA






Bulletin Number	100-D Non Reversing Contactor
Current Rating	115 A
Coil Voltage	110V 50Hz / 120V 60Hz
Number of Poles	3 Poles
Auxiliary Contact Configuration	1 N.O. / 1 N.C.
Packaging	Single Pack
Coil Type	Conventiona Coil

CERTIFICATIONS AND APPROVALS

UL
CSA
IEC
CE
CCC

2 **Contactors**



						
	Bulletin	100-K/104-K	100-C/104-C	100Q-C	100-D/104-D	100-G
Screw Terminals	✓	✓	✓	Thru-hole Threaded (630...860 A)	—	—
Spring Terminals	✓ (5...9 A)	✓ (9...16 A)	—	—	—	—
Max. Current I_e	12 A	97 A	37 A	860 A	1200 A	1200 A
Current Rating	5...12 A	9...97 A	16, 32 A	115...860 A	550...1200 A	550...1200 A
Features	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Panel mounting only Made of environmentally friendly materials AC or DC coil control (conventional or electronic) Integrated PLC interface (electronic coil) 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Front-mount auxiliary contacts Surge suppressors Electronic timers Mechanical interlocks 	<ul style="list-style-type: none"> Front or side-mount auxiliary contacts Surge suppressors Electronic or pneumatic timers Mechanical interlocks Mechanical latches 	<ul style="list-style-type: none"> Side-mount auxiliary contacts Surge suppressors Electronic timers 	<ul style="list-style-type: none"> Side-mount auxiliary contacts Surge suppressors IP20 terminal blocks Terminal shields Terminal covers Connecting components Terminal lugs Mechanical/electrical interlocks 	<ul style="list-style-type: none"> Auxiliary contact 4th pole Vertical interlock Horizontal interlock Mechanical latch 	
Standards/Certifications	<ul style="list-style-type: none"> UL CSA IEC CE Marked CCC 	<ul style="list-style-type: none"> UL CSA IEC CE Marked CCC 	<ul style="list-style-type: none"> UL CSA IEC CE Marked 	<ul style="list-style-type: none"> UL CSA IEC CE Marked CCC (115...180 A - conventional coil; 140...420 A - electronic coil) 	<ul style="list-style-type: none"> UL CSA IEC CE Marked 	
Product Selection	Page 2-124	Page 2-129	Page 2-141	Page 2-147	Page 2-156	





Bulletin 100-D — IEC Contactors

- 63...500 kW @ 400V
- 75...600 Hp @ 460V
- 100...700 Hp @ 575V
- Electronic and conventional coils
 - AC & DC
 - Integrated PLC interface
 - Low power pick-up & hold-in
 - Wide voltage ranges
- Complete range of accessories
- Environmentally friendly
- Compact dimensions

The Bulletin 100-D/104-D contactor family, along with a wide range of common accessories and Bulletin 193 electronic overload relays, provides the most compact and flexible starter component system available.

Your order must include: cat. no. of the contactor specified with coil voltage code and, if required, cat. no. of any accessories and/or replacement coils.

Table of Contents

- Product Selection 2-148
- Accessories..... 2-153
- Specifications..... 2-158
- Approximate Dimensions..... 2-197

Standards Compliance

- IEC 60947-4-1
- IEC 60947 Type “2”
- Coordination
- CSA C22.2 No. 14
- UL 508

Certifications

- CE Marked
- cULus Listed (File No. E 41850, Guide NLDX, NLDX7)
- CCC (115...180 A - conventional coil; 140...420 A - electronic coil)

Product Selection

3-Pole AC-Operated Contactors

- Conventional and Electronic AC Coils
- 3 Main Contacts
- Non-Reversing or Reversing



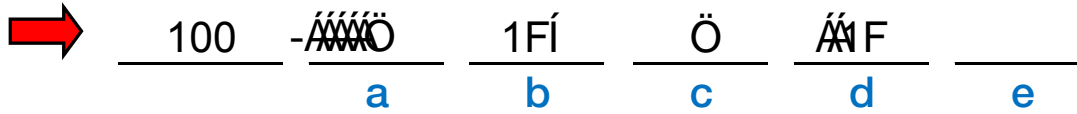
Cat. No. 100-D180...

2

60 °C	40 °C	kW (50 Hz)						Hp (60 Hz)				N.O.	N.C.	Non-Reversing Contactor Cat. No.	Reversing Contactor Cat. No.		
		230V	400V	415V	500V	690V	1000V	200V	230V	460V	575V						
AC-3	AC-1																
												0	0	100-D115®00	—		
		115	250	37	63	66	80	110	63	40	40	75	100	1	1	100-D115®11	—
														2	4	—	104-D115®24
														0	0	100-D140®00	—
140	250	45	78	82	80	111	75	40	50	100	125			1	1	100-D140®11	—
														2	4	—	104-D140®24
														0	0	100-D180®00	—
180	250	57	101	105	100	135	90	50	60	150	150			1	1	100-D180®11	—
														2	4	—	104-D180®24
														0	0	100-D210®00	—
210	350	63	118	125	205	200	110	60	75	150	200			1	1	100-D210®11	—
														2	4	—	104-D210®24
														0	0	100-D250®00	—
250	350	80	140	150	250	250	132	75	100	200	250			1	1	100-D250®11	—
														2	4	—	104-D250®24
														0	0	100-D300®00	—
300	450	90	170	160	290	300	160	100	125	250	300			1	1	100-D300®11	—
														2	4	—	104-D300®24
														0	0	100-D420®00	—
420	540	132	238	250	420	425	220	150	175	350	400			1	1	100-D420®11	—
														2	4	—	104-D420®24
														0	0	100-D630®00	—
630	800	200	355	355	500	500	—	200	250	500	600			1	1	100-D630®11	—
														2	4	—	104-D630®24
														0	0	100-D860®00	—
860	1000	250	500	500	500	600	—	250	300	600	700			1	1	100-D860®11	—
														2	4	—	104-D860®24



Catalog Explanation



a	Size of Contactor
b	Rated Current (A)
c	Coil voltage and frequency
d	Auxiliary Contacts Configuration
e	Miscellaneous options

2

⊗ Coil Voltage Code and Terminal Position

The Cat. No. as listed is incomplete. Select a coil voltage code from the table below to complete the Cat. No. Example: 120V, 60Hz:
Cat. No. 100-C09@10 becomes **Cat. No. 100-C09D10**.

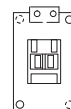
[V]	12	24	32	36	42	48	100	100-110	110	120	127	200	200-220	208	208-240	220-230	230	230-240	240	277	347	380	380-400	400	400-415	440	480	500	550	600
50 Hz	R	K	V	W	X	Y	KP	—	D	S	KG	L	—	—	F	—	VA	T	—	—	—	N	—	G	B	—	M	C	—	
60 Hz	Q	J	—	V	—	X	—	KP	—	D	—	—	KG	H	L	—	—	—	A	T	I	E	—	—	—	N	B	—	—	C
50/60 Hz	—	KJ	—	—	—	KY	KP	—	KD	—	—	—	KG	KL‡	—	—	KL‡	KF	—	KA	—	—	—	KN	—	KB	—	—	—	

‡ Not available on 100/104-C90 or -C97 contactors.

DC Voltages [V]		9	12	24	36	48	48-72	60	64	72	80	110	110-125	115	125	220	220-250	230	250
100-C09...C43	Standard	ZR	ZQ	ZJ	ZW	ZY	—	ZZ	ZB	ZG	ZE	ZD	—	ZP	ZS	ZA	—	ZF	ZT
	with Integrated Diode	—	—	DJ	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Electronic with Integrated Diode	—	EQ	EJ	—	—	EY	—	—	—	—	—	ED	—	—	—	EA	—	—
100-C60...C97	with Integrated Diode	DR	DQ	DJ	DW	DY	—	DZ	DB	DG	DE	DD	—	DP	DS	DA	—	DF	DT

Coil Terminal Position

- All contactors are delivered with the coil terminals located on the **line side**.
- For **load side** coil terminations, insert a “U” prior to the coil voltage code.
 Ordering example: **Cat. No. 100-C09UD10**.



Cat. No.
100-C09@10
 Line Side



Cat. No.
100-C09U@10
 Load Side