

3-Pole AC-Operated Contactors

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



Cat. No. 100-D180...



Cat. No. 100-D420...

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

⊗ Coil Voltage Codes for AC Control

Conventional Coil	[V]	24	48	100	110	120	200	208	220... 230	230	240	277	380... 400	415	440	480	500	550	600
100-D115... 100-D180	50 Hz	K	Y	—	D	—	—	—	A	—	T	—	N	B	G	—	M	C	—
	60 Hz	J	X	—	—	D	—	H	—	—	A	T	—	—	N	B	—	—	C
100-D115	50/60 Hz	—	—	KP	KN	—	KG	—	KL	KF	KA	KT	—	—	—	—	—	—	—

Electronic Coil w/ El. Interface §	[V]	24	42...64	100	110...130	200	208...277	200...220	230...250	277	380...415	380...500	440...480	500
100-D95...100-D300	50/60 Hz	EJ♣	EY	EP	ED	EG	EA	—	—	—	—	EN	—	—
100-D420	50/60 Hz	—	—	EP	ED	EG	EA	—	—	—	—	EN	—	—
100-D630... 100-D860	50/60 Hz	—	—	EP	ED	EG	—	EG	EA	ET	EN	—	EB	EM

§ Signal voltage of the Cat. No. 100-D... electronic interface: nominal U_e : 24V DC/ I_e : 15 mA

Pickup voltage: 13.0V DC...30.2V DC

Dropout Voltage: -3.0V DC...+5.0V DC

♣ Not available with 100/104-D300.

