

A201 Size 1

**Product Selection —  
Non-reversing, Sizes 00 – 9**

**When Ordering Specify**

Order by Catalog Number from **Table 33-181**, plus Suffix for coil voltages, verifying usage of appropriate sizes.

**Table 33-181. Front Connected Contactors Selection**

Size	Amps	Max. UL Horsepower						2 Poles		3 Poles		4 Poles		5 Poles	
		1-Phase		3-Phase				Open Catalog Number	Price U.S. \$	Open Catalog Number	Price U.S. \$	Open Catalog Number	Price U.S. \$	Open Catalog Number	Price U.S. \$
		115V	230V	208V	240V	480V	600V								
<b>Sizes 00 – 6</b>															
00	9	1/3	1	1-1/2	1-1/2	2	2	A201KAB_	143.	A201KAC_	164.	A201KAD_	220.	A201KAE_	300.
0	18	1	2	3	3	5	5	A201K0B_	185.	A201K0C_	207.	A201K0D_	263.	A201K0E_	343.
1	27	2	3	7-1/2	7-1/2	10	10	A201K1B_	220.	A201K1C_	242.	A201K1D_	299.	A201K1E_	377.
2	45	3	7-1/2	10	15	25	25	A201K2B_	412.	A201K2C_	440.	A201K2D_	580.	A201K2E_	860.
3	90	—	—	25	30	50	50	A201K3B_	660.	A201K3C_	715.	A201K3D_	915.	A201K3E_	1,370.
4	135	—	—	40	50	100	100	A201K4B_	1,580.	A201K4C_	1,715.	A201K4D_	2,388.	A201K4E_	3,285.
5	270	—	—	75	100	200	200	A201K5B_	3,420.	A201K5C_	3,715.	—	—	—	—
6	540	—	—	150	200	400	400	A201K6B_	8,680.	A201K6C_	10,140.	—	—	—	—
<b>Sizes 7 – 9</b>															
7 ①	810	—	—	200	300	600	600	A201K7B_	12,675.	A201K7C_	14,460.	—	—	—	—
8 ①	1215	—	—	400	450	900	900	A201K8B_	20,340.	A201K8C_	22,320.	—	—	—	—
9 ①	2250	—	—	—	800	1600	—	A201K9B_	22,240.	A201K9C_Z1 ②③	30,910.	—	—	—	—

① Sizes 7 – 9 use rectifier with DC coil.  
② For Size 9, only available coil voltage is 120V.  
③ Supplied without terminal lugs.

**Table 33-182. Rear Connected Contactors Selection**

120 Volt Rectified Coil/Open Only		
Size	Catalog Number	Price U.S.
7	A201K7CJ29	15,530.
8	A201K8CJ29	23,750.
9	A201K9CJZ1Z4	32,000.

**Table 33-183. Coils for Sizes 00 – 6**

Coil Volts and Hz	Code Suffix
120/60 or 110/50	A
200 – 208/60	B
240/60	W
480/60	X
600/60	E

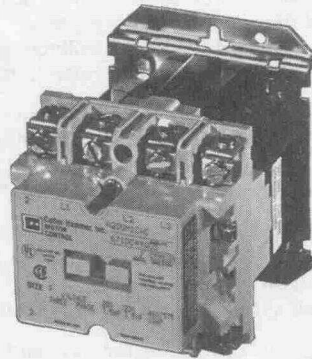
**Table 33-184. Coils for Sizes 7, 8 and 9 ④**

Coil Volts and Hz	Code Suffix
110 – 120/50 or 60	J
220 – 240/50 or 60	K
440 – 480/50 or 60	U
600/60	E

④ For Size 9, only available coil voltage is 120V.

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*Size 1 Contactor*

**Product Description —  
Sizes 00 – 4**

**Application**

Magnetic contactors are used to switch transformers and capacitors and to control electrical power circuits such as heating, lighting and motors that require no overload protection, or where overload protection is separately provided. They can be operated remotely by manual or automatic pilot devices.

**Class A201 Contactors, Sizes 00 – 4;  
Three-Phase, 1-1/2 – 100 hp**

A201 magnetic contactors are 600V rated devices available in NEMA Sizes 00 – 4, 10A through 150A (open rating). Product features include:

- Straight-through wiring to line and load terminals located up front for ease of installation.
- Moving and stationary contacts are front accessible, simplifying inspection and maintenance.
- Reliable U-shaped magnet for reduced power consumption.
- Coil design reduces inventory/maintenance expenses. For a given voltage, one size coil fits all contactors Sizes 00 – 2, and a second coil fits three-pole Model J Sizes 3 and 4. Model K coils are different design.

A201 contactors have normally open holding circuit interlocks which are supplied as standard.

Panel layout and drilling are simplified through the use of common backplates, one for Sizes 00 – 2 and one for Sizes 3 – 4. In addition, panel space is reduced dramatically through the use of unique corner cavities for mounting the wide variety of modifications shown on **Page 33-133**.

For reversing applications, two contactors are supplied on a common base with electrical and mechanical interlocks which prevent both contactors from being closed at the same time.

A201 contactors are UL listed components and also have CSA certification.



A200 Line

Combination Ratings

Table 33-209. Combination Ratings — Sizes 00 – 2

Short-Circuit Protective Device (SCPD)	Max. Rating SCPD	Circuit Breaker Interrupting Rating	Short-Circuit Withstand Capability	
			Current	Voltage
<b>Sizes 00, 0, 1</b>				
Class H Fuse	60A	—	5,000A	600V
Class J Fuse	60A	—	100,000A	600V
Class R Fuse	60A	—	100,000A	600V
Class T Fuse	60A	—	100,000A	600V
Magnetic Only ①	30A	Marked HMCP	100,000A	480V
Type CB ②			50,000A	600V
Thermal/Mag. Type CB ③	50A	65,000A	65,000A	480V
			25,000A	600V
			100,000A	480V
			35,000A	600V
Magnetic Only Type CB + CL ④	30A	HMCP + Current Limiter	100,000A	600V
Thermal/Mag. Type CLB ⑤	50A	150,000A	100,000A	480V

Size 2

Class H Fuse	100A	—	5,000A	600V
Class J Fuse	100A	—	100,000A	600V
Class R Fuse	100A	—	100,000A	600V
Class T Fuse	100A	—	100,000A	600V
Magnetic Only ①	50A	Marked HMCP	100,000A	480V
Type CB ②			50,000A	600V
Thermal/Mag. Type CB ③	90A	65,000A	65,000A	480V
			25,000A	600V
			100,000A	480V
			35,000A	600V
Magnetic Only Type CB + CL ④	50A	HMCP + Current Limiter	100,000A	600V
Thermal/Mag. Type CLB ⑤	50A	150,000A	100,000A	480V

- ① Instantaneous Adjustable Trip.
- ② Circuit Breaker.
- ③ Inverse Time Circuit Breaker.
- ④ Instantaneous Adjustable Trip with Current Limiting Attachment.
- ⑤ Inverse Time with Built-In Current Limiting Attachment.

Coil Suffix

Table 33-211. Other Available Coil Voltages — AC and DC Coils

Coils	Catalog Number Suffix	Coil Rating (Volts/Hertz)	Catalog Number Suffix	Coil Rating (Volts/Hertz)
<b>AC</b>	A	120/60, 110/50	N	110/50
	B	200-208/60	P	48/60
	C ②	240/60 and 480/60	Q ③	AC/DC Volts Specified
	D	440/50	R ④	120/60 and 240/60
	E	600/60 Hz	U	440-480/50 or 60 Rect. to DC
	G	220/50	V	110/60
	H	380/50	W	240/60
	I	24/60	X	480/60
	J	110-120/50 or 60 Rect. to DC	Y	415/50
	K	220-240/50 or 60 Rect. to DC	Z	277/60
	<b>DC</b> ⑤⑥⑦	L	24V DC	S
M		48V DC	T	250V DC

- ② List Price Addition for dual voltage coils. Consult Sales Office or Price List.
- ③ List Price Addition for DC coils. Consult Sales Office or Price List.
- ④ DC coils for Size 5 and 6 contactors and starters are intermittent duty rated only. A mechanical latch is required.
- ⑤ DC coils. Use only on contactors originally supplied with a DC coil.
- ⑥ For Q suffixes "order by description" consult Technical Support Center.

Table 33-210. Combination Ratings — Sizes 3 and 4

Short-Circuit Protective Device (SCPD)	Max. Rating SCPD	Circuit Breaker Interrupting Rating	Short-Circuit Withstand Capability	
			Current	Voltage
<b>Size 3</b>				
Class H Fuse	60A	—	5,000A	600V
Class J Fuse	60A	—	100,000A	600V
Class R Fuse	60A	—	100,000A	600V
Class T Fuse	60A	—	100,000A	600V
Magnetic Only ⑥	100A	Marked HMCP	100,000A	480V
Type CB ⑦			50,000A	600V
Thermal/Mag. Type CB ⑧	150A	65,000A	65,000A	480V
			25,000A	600V
			100,000A	480V
			35,000A	600V
Magnetic Only Type CB + CL ⑨	100A	HMCP + Current Limiter	100,000A	600V
Thermal/Mag. Type CLB ⑩	150A	50,000A	100,000A	480V

Size 4

Class H Fuse	400A	—	10,000A	600V
Class J Fuse	400A	—	100,000A	600V
Class R Fuse	400A	—	100,000A	600V
Class T Fuse	400A	—	100,000A	600V
Magnetic Only ⑥	150A	Marked HMCP	100,000A	480V
Type CB ⑦			50,000A	600V
Thermal/Mag. Type CB ⑧	250A	65,000A	65,000A	480V
			25,000A	600V
			100,000A	480V
			35,000A	600V
Magnetic Only Type CB + CL ⑨	150A	HMCP + Current Limiter	100,000A	600V
Thermal/Mag. Type CB + CL ⑩	250A	200,000A	100,000A	600V
Thermal/Mag. Type CLB ⑪	250A	150,000A	100,000A	480V

- ⑥ Instantaneous Adjustable Trip.
- ⑦ Circuit Breaker.
- ⑧ Inverse Time Circuit Breaker.
- ⑨ Instantaneous Adjustable Trip with Current Limiting Attachment.
- ⑩ Inverse Time with Built-In Current Limiting Attachment.
- ⑪ Inverse Time Current Limiting Breaker.

Table 33-212. Other DC Coils Available (For Q Suffix) ⑦

Voltages	Sizes 0 & 1		Voltages	Sizes 0 & 1	
	1- to 4-Pole	1- to 3-Pole		1- to 4-Pole	1- to 3-Pole
	Style Number			Style Number	
12	1268C86G07		79	1268C86G08	
28	1268C86G06		96	1268C86G15	
32	1268C86G09		200	1268C86G11	
34	1268C86G16		300	1268C86G14	
37.5	1268C86G17		315	1268C86G12	
40	1268C86G13		125/250	1268C86G03	
50	1268C86G10			—	

⑦ For Q suffixes "order by description" consult Technical Support Center.