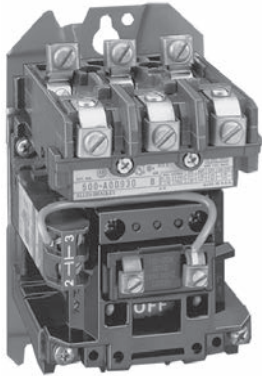


# NEMA Top-Wired AC Contactors

Product Overview/Cat. No. Explanation

1



*Size 0, 3-Pole,  
Open Type without  
Enclosure  
Top Wiring Construction*

### Bulletin 500 Open Type Top-Wired Contactor

- All power connections are at the top of the contactor for wiring convenience
- Contactor can be field wired for single- or three-phase applications

#### NEMA sizes 0...4 (open type)

- Available as components or a modular kit for faster delivery
- Product selection can be done via two options:
  - Ordering a complete kit
  - Ordering individual components
- Top-wired contactor includes a 120V AC coil, (1) N.O. auxiliary contact, top-wiring kit, and load-side terminal shield, as standard

#### NEMA sizes 00, 5...9 (open type)

- Available as factory assembled

#### NEMA sizes 00...9 (enclosed)

- Available as factory assembled

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### Standards Compliance

NEMA/EEMAC ICS 2  
 UL 508  
 CSA C22.2 No.14  
 ABS 4/5.115 — American Bureau of Shipping  
 UCSG 46 CFR 111.70  
 IEEE 45  
 EN/IEC 60947-4-1  
 CE Marked

### Certifications

- CSA Certified (LR1234)
- UL Listed (File No. E3125, Guide No. NLDX)
- Hazardous Location:  
 UL Listed (File No. E10314)  
 CSA Certified (LR11924)

### Catalog Number Explanation

Example Cat. No.

**500** – **B**      **A**      **D** – **930** – **1**  
*a*      *b*      *c*      *d*      *e*      *f*

*a*

Bulletin No.	
Bulletin No.	Description
500	Top-wired contactor
500DC	Top-wired contactor (DC voltage)

*b*

NEMA Size	
Code	Description
T	00
A	0
B	1
C	2
D	3
E	4
F	5
G	6
H	7
J	8
K	9

*c*

NEMA Enclosure Type	
Code	Type
A	Type 1
C	Type 4X (stainless steel)
E	Type 7 & 9 bolted
H	Type 3R, 7 & 9 bolted
J	Type 12
O	No enclosure

*d*

Nominal Coil Voltage		
Code	Voltage	Frequency
A	220V 240V	50 Hz 60 Hz
B	440V 480V	50 Hz 60 Hz
C	550V 600V	50 Hz 60 Hz
D	110V 120V	50 Hz 60 Hz
F	277V	60 Hz
H	200...208V	60 Hz
I	415V	50 Hz
J	24V	50/60 Hz
N	380V	50 Hz
VL	24V DC	—
VG	125...250V DC	—

*e*

Number of Poles	
Code	Voltage Description
930	Three Power Poles and (1) N.O. Auxiliary Contact
940	Four Power Poles and (1) N.O. Auxiliary Contact
950	Five Power Poles and (1) N.O. Auxiliary Contact

*f*

Factory Installed Modifications/Options	
For detailed information, see Modifications on page 1-107.	

*or*

Options	
Code	Description
17	Surge Suppressor for 120 or 240V AC Coil
90	(1) N.O. Auxiliary Contact*
91	(1) N.C. Auxiliary Contact*

\* Up to (6) combinations of auxiliary contacts can be selected. Example: Code 90011 indicates (2) N.O. and (2) N.C. contacts.



# NEMA Top-Wired AC Contactors

Product Selection — Open Type Modular Kit

## Product Selection of NEMA size 0...4 Modular Kits



1

**Base Contactor**  
Includes a 120V AC coil and (1) N.O. auxiliary contactor as standard.

NEMA Size	Continuous Ampere Rating [A]	Max. Horsepower Rating Full Load Current Must Not Exceed "Continuous Ampere Rating"						600V AC Maximum • 60 Hz		
		1-Phase Motor Voltage		3-Phase Motor Voltage				3 Power Poles	4 Power Poles	5 Power Poles
		115V	230V	200V	230V	50 Hz 380...415V	460...575V	Cat. No.	Cat. No.	Cat. No.
00	9	1/3	1	1.5	1.5	2	2	*	*	—
0	18	1	2	3	3	5	5	500-AO®930	500-AO®940	500-AO®950
1	27	2	3	7.5	7.5	10	10	500-BO®930	500-BO®940	500-BO®950
2	45	3	7.5	10	15	25	25	500-CO®930	500-CO®940	500-CO®950
3	90	7.5	15	25	30	50	50	500-DO®930	500-DO®940	500-DO®950
4	135	—	—	40	50	75	100	500-EO®930	500-EO®940	500-EO®950
5	270	—	—	75	100	150	200	*	*	—
6	540	—	—	150	200	300	400	*	—	—
7	810	—	—	—	300	600	600	*	—	—
8	1215	—	—	—	450	900	900	*	—	—
9	2250	—	—	—	800	1600	1600	*	—	—

\* See page 1-33 for NEMA size 00, 5...9 open type contactors and NEMA size 00...9 enclosed contactors.

### ⊗ Coil Voltage Code

The cat. no. as listed is incomplete. Select a coil voltage code from the table below to complete the cat. no. Example: **Cat. No. 500-AO®940** becomes **Cat. No. 500-AOD940**.

[V]	24	110	120	125	208	220	240	250	277	380	415	440	480	550	600
AC, 50 Hz	J	D	—	—	—	A	—	—	—	N	I	B	—	C	—
AC, 60 Hz	J	—	D	—	H	—	A	—	F	—	—	—	B	—	C
DC>	VL	—	—	VG	—	—	—	VG	—	—	—	—	—	—	—

> DC voltage code is only available for NEMA sizes 0...3. When ordering a DC voltage code (VL or VG), add "DC" to the catalog number. Example: 500DC-BOVL930.

**Note:** The base contactor includes a 120V AC coil as standard. For all other voltages, a second coil will be included in the modular kit for field swap out.

### Options for Modular Kit

Options	
Code	Description
17	Surge Suppressor for 120 or 240V AC Coil
90	(1) N.O. Auxiliary Contact*
91	(1) N.C. Auxiliary Contact*

\* Up to (6) combinations of auxiliary contacts can be selected. Example: Code 90011 indicates (2) N.O. and (2) N.C. contacts.

**Example:** **Cat. No. 500-COD930-17-90** includes a NEMA size 2, 3-pole, contactor with a 120V AC coil, surge suppressor, and (1) N.O. auxiliary contact.