

# Product Details and Certifications

**Cross Reference RA Part Number: PN-140660**

 **Product: 300-COKD930**

Description: 300 NEMA Contactor, NEMA Size 2, Open, 110V 50/60Hz, Three Poles, 1 N.O. Auxiliary Contact



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

## ***CONTACTOR DATA***

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Bulletin Number	300 NEMA Space Saving Contactors
NEMA Size	NEMA 2
Enclosure Type	Open Type
Coil Voltage	110V 50/60Hz
Pole Configuration	3 Poles
Auxiliary Contact Include	1 N.O. Auxiliary Contact

## ***CERTIFICATIONS AND APPROVALS***

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UL

CSA

NEMA/EEMAC

CE

For UL Certifications Directory:

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

# AC Compact Contactors and Starters

## Product Overview/Product Selection

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### Bulletin 300

- NEMA sizes 0...5
- Compact size (space saving design)
- Guarded terminals
- Complete range of accessories
- Solid-state overload relays
- Electronic and conventional coils
- 35 mm DIN Rail mountable

Bulletin 300 modular line of NEMA contactors, when combined with Bulletin 193 solid-state overload relays, auxiliary contacts, interlocks, suppressors, and DIN rail mounting provides the most compact and flexible NEMA starter component system available.

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**Standards Compliance**  
 UL 508  
 CSA C22.2, No. 14  
 NEMA/EEMAC ICS2  
**Certifications**  
 cULus Listed (File E41850  
 Guide No. NLDX, NLDX7)  
 CE Marked (EN 60947-4-1)

### Product Selection

#### Feed-Through Wiring for Motor Loads

NEMA Size*	Continuous Ampere Rating [A]	Maximum Horsepower Rating Full Load Current Must Not Exceed "Continuous Ampere Rating"				Open Type Without Enclosure Cat. No.
		Motor Voltage				
		200V	230V	380...415V	460...575V	
0	18	3	3	5	5	300-AO@930
1	27	7.5	7.5	10	10	300-BO@930
2	45	10	15	25	25	300-CO@930
3	90	25	30	50	50	300-DO@930
4	135	40	50	75	100	300-EO@930
5	270	75	100	150	200	300-FO@930

\* Contactor sizes 0...3 come standard with 1 N.O. auxiliary contact.  
 Contactor sizes 4...5 come standard with 1 N.O. and 1 N.C. auxiliary contact.

#### ⊗ Coil Voltage Code and Terminal Position (NEMA Sizes 0...3)

The cat. no. as listed is incomplete. To complete the cat. no., select a Coil Voltage Code from the table below and insert into the cat. no.  
 Example: 120V, 60 Hz: **Cat. No. 300-AO@930** becomes **Cat. No. 300-AOD930**.

[V]	24	110	120	220	240	277	440	480	550	600
AC, 50 Hz	K	D	P	A	T	—	B	—	C	—
AC, 60 Hz	J	—	D	—	A	T	—	B	—	C
AC, 50/60 Hz	KJ	—	—	—	KA	—	—	—	—	—
DC	NEMA Size 0...2	EJ	—	—	—	—	—	—	—	—
	NEMA Size 3	DJ	—	—	—	—	—	—	—	—

#### Coil Terminal Position

All contactors are delivered with the coil terminals located on the line side.



Cat. No. 300-AO@930 Line Side

#### ⊗ Coil Voltage Code (NEMA Sizes 4...5)

Conventional Coil	[V]	24	110	120	220	240	277	440	480	550	600
NEMA Size 4	AC, 50 Hz	K	D	—	A	—	—	B	—	C	—
	AC, 60 Hz	J	—	D	—	A	T	—	B	—	C
Electronic Coil with EI Interface*	[V]	24	110...130	200...255	208...277	380...415	440...480	500			
	NEMA Size 4...5	AC, 50/60 Hz	—	ED	—	EA	EN	EN	EN		
	NEMA Size 4...5	DC	EZJ	EZD	EZA	—	—	—	—		

\* Signal voltage of the 300 Line electronic interface: Nominal  $U_g$ : 24V DC/ $I_g$ : 15 mA  
 Pickup voltage: 13.0...30.2V DC, Dropout Voltage: -3.0...+5.0V DC.

⊗ Coil Voltage Codes for AC Control

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

⊗ Coil Voltage Codes for DC Control

DC Voltages [V]		9	12	24	36	48	60	64	72	80	110	115	125	220	230	250
Contactor size A...G	Standard	ZR	ZQ	ZJ	ZW	ZY	ZZ	ZB	ZG	ZE	ZD	ZP	ZS	ZA	ZF	ZT
	with Integrated Diode	—	—	DJ	—	—	—	—	—	—	—	—	—	—	—	—
	with Electronic Coil	—	—	EJ	—	—	—	—	—	—	—	—	—	—	—	—
Contactor size H...J	with Integrated Diode	DR	DQ	DJ	DW	DY	DZ	DB	DG	DE	DD	DP	DS	DA	DF	DT