

# Product Details and Certifications

## Cross Reference RA Part Number: 300-DOA930 B

 **Product: 300-DOA930**

Description: 300 NEMA Contactor, NEMA Size 3, Open, 220...230V 50Hz /  
240V 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 3
Enclosure Type	Open Type
Coil Voltage	220...230V 50Hz / 240V 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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	<p><b>Bulletin 300</b></p> <ul style="list-style-type: none"> <li>• NEMA sizes 0...5</li> <li>• Compact size (space saving design)</li> <li>• Guarded terminals</li> <li>• Complete range of accessories</li> <li>• Solid-state overload relays</li> <li>• Electronic and conventional coils</li> <li>• 35 mm DIN Rail mountable</li> </ul> <p>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.</p>	<p><b>Table of Contents</b></p> <p>Product Selection..... this page</p> <p>Specifications..... 1-64</p> <p>Accessories..... 1-66</p> <p>Approximate Dimensions..... 1-71</p> <p><b>Standards Compliance</b></p> <p>UL 508 CSA C22.2, No. 14 NEMA/EEMAC ICS2</p> <p><b>Certifications</b></p> <p>cULus Listed (File E41850 Guide No. NLDX, NLDX7) CE Marked (EN 60947-4-1)</p>
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### 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.