

# Definite Purpose Controls Full Voltage Contactors

## Section 4

### CR553A

Standard  
Three Phase  
25A-40A

#### Standard Forms

On standard CR553 contactors, the coil and each power pole are supplied with two 1/4" quick connect terminals. Standard 25 FLA and 30 FLA contactors feature hex screws with #2 Phillips/slotted heads and short covers. Standard 40 FLA contactors come with box lugs and long covers.

For configurations not found below see page 4-7 for Factory Modified Forms.



25-30A 3 pole



40A 3 pole

#### CR553A Standard (2, 3 and 4 pole)

Inductive Amps	Resistive Amps	50/60 Hz						Single Phase		No. of Poles	Product Number
		Three Phase 240V HP	Three Phase 240V LRA	Three Phase 480V HP	Three Phase 480V LRA	Three Phase 600V HP	Three Phase 600V LRA	50/60 Hz 120V HP	50/60 Hz 240V HP		
25	35	7.5	150	10	125	10	100	2	3	2	CR553AB2*AA
25	35	7.5	150	10	125	10	100	2	3	3	CR553AB3*AA
25	35	7.5	150	10	125	10	100	2	3	4	CR553AB4*AA
30	40	10	180	15	150	15	120	2	5	2	CR553AC2*AA
30	40	10	180	15	150	15	120	2	5	3	CR553AC3*AA
30	40	10	180	15	150	15	120	2	5	4	CR553AC4*AA
40	50	10	240	20	200	20	160	3	7.5	2	CR553AD2*BB
40	50	10	240	20	200	20	160	3	7.5	3	CR553AD3*BB
40	50	10	240	20	200	20	160	3	7.5	4	CR553AD4*BB

(Replace \* in product number with appropriate coil digit.)

#### Coil Selection

##### CR553A Coil Selection

Coil Voltage		Product No. Digit
60 Hz	50 Hz	
12	12	E
24	24	H
115-120	110	A
208-240	220-230	B
277	—	F
440-480	380-415	C
575-600	—	D



# Definite Purpose Controls

## Full Voltage Contactors

### CR553A

## Section 4

Standard  
Three Phase  
Factory Modified Forms  
25A-40A

### Factory Installed Modifications

### Definite Purpose Contactors, 25A-40A, 2-pole, 3-pole and 4-pole

Select contactor from the main table and complete the product number by inserting the digits corresponding to required and optional specifications from the tables below. Note: factory modified forms require minimum orders/additional multiples. See page 4-32 for bulk pack details.

Full Load Amps	Resistive Amps	Three Phase, 50/60 Hz						Single Phase				Product Number (Complete by adding digits from tables below <sup>1</sup> )																
		Per 240V		480V		600VHP, 50/60 Hz		120V		240V		Required Digits				Options												
		Pole	HP	LRA	HP	LRA	HP	LRA	120V	240V	Poles	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
25	35	7.5	150	10	125	10	100	2	3	2	C	R	5	5	3	A	B	2										
25	35	7.5	150	10	125	10	100	2	3	3	C	R	5	5	3	A	B	3										
25	35	7.5	150	10	125	10	100	2	3	4	C	R	5	5	3	A	B	4										
30	40	10	180	15	150	15	120	2	5	2	C	R	5	5	3	A	C	2										
30	40	10	180	15	150	15	120	2	5	3	C	R	5	5	3	A	C	3										
30	40	10	180	15	150	15	120	2	5	4	C	R	5	5	3	A	C	4										
40	50	10	240	20	200	20	160	3	7.5	2	C	R	5	5	3	A	D	2										
40	50	10	240	20	200	20	160	3	7.5	3	C	R	5	5	3	A	D	3										
40	50	10	240	20	200	20	160	3	7.5	4	C	R	5	5	3	A	D	4										

<sup>1</sup>If no options are required, product number is complete after 11 digits.

### Digit 9 Coil Selection

Coil Voltage		Product No. Digit 9
60 Hz	50 Hz	
12	12	E
24	24	H
115-120	110	A
208-240	220-230	B
277	—	F
440-480	380-415	C
575-600	—	D

### Digit 12 Auxiliary Contacts (cont.)

Product No. Digit 12	Mounting Position	No. of Contacts	Volts
K	Left & Right	1 NO-NC Left & Right	600 V
L	Left	2NO Left	600 V
M	Right	2NO Right	600 V
N	Left & Right	2NO Left & Right	600 V
P	Left & Right	NO-NC Left 2NO Right	600 V
Q	Left & Right	2 NO Left NO-NC Right	600 V
R	Front	1 NO	600 V
S	Front	1 NC	600 V
T	Front	1NO - 1NC	600 V

Maximum of 4 contacts allowed in Left, Right & Front side together; Maximum 2 Aux contacts allowed in Front mount.

### Digit 13 Modifications

Product No. Digit 13	Modification
0	None
1	Coil Rotated with Coil Terminals Down
3	DIN Rail Mounting Provision
4	Coil Rotated with Coil Terminals Down and DIN Rail Mounting Provision
5	Dummy Quick Connect Tabs on Coil
6	Coil Rotated with Coil Terminals Down and Dummy Quick Connect Tabs on Coil
8	Dummy Quick Connect Tabs on Coil and DIN Rail Mounting Provision
9	Coil Rotated with Coil Terminals Down and DIN Rail Mounting Provision and Dummy Quick Connect Tabs on Coil

### Digit 14 Terminal Marking

Product No. Digit 14	Marking
A	Standard Terminal Marking
B	Inverse Terminal Marking
C	Reverse Terminal Marking
D	Without Terminal Marking

### Digit 15 Special Marking

Product No. Digit 15	Special Mark
A	None
*	Customer Specific options assigned by Factory

### Digit 16 Packaging

Product No. Digit 16	Specials
A	Single
P	Bulk pack

Complete Product Numbers:

11 digits for Standard

16 digits for Customized

Omit digit 12 through 16, if the selection is "A0AAA".

Ordering Bulk Packs? Just add A0AAP to the Standard Product Number.

### Digit 12 Auxiliary Contacts

Product No. Digit 12	Mounting Position	No. of Contacts	Volts
A	—	None	250 V
B	Left	1 SPDT Left	250 V
C	Right	1 SPDT Right	250 V
D	Left	2 SPDT Left	250 V
E	Right	2 SPDT Right	250 V
F	Left & Right	1 SPDT Left and Right	250 V
G	Left & Right	2 SPDT Left and Right	250 V
H	Left	1 NO-NC Left	600 V
J	Right	1 NO-NC Right	600 V

<sup>2</sup>Not available in 40FLA.

<sup>3</sup>To mount overload relay on contactor load terminal, select option "M", Sems Clamp for 25/30amp, and select option "D", Lug with Slotted Screw for 40amp.

