

Definite Purpose Controls Full Voltage Contactors

Section 4

CR353

Standard
Three Phase
2-pole and 3-pole
50A - 150A



CR353 Contactor

Standard Forms

Standard CR353 contactors in the 50-120FLA ratings are supplied with box lug terminals. Power poles in the 50-90FLA size are supplied with two 1/4" quick connect terminals. Contactors in the 120-150FLA size include control power accessory screws on L1 and L2. Coils are provided with screw connections with a single 1/4" quick connect terminal on the 50 and 60 amp size and two 1/4" quick connect terminals on the 75 and 90 amp size.

For configurations not found below see page 4-9 for Factory Modified Forms.

CR353 Standard (2-pole and 3-pole)

Inductive Amps	Resistive Amps	Locked Rotor Amps, 50/60 Hz @ 240V	Locked Rotor Amps, 50/60 Hz @ 480V	Locked Rotor Amps, 50/60 Hz @ 600V	No. of Poles	Product Number
50	62	300	250	200	2	CR353FE2B*1
50	62	300	250	200	3	CR353FE3B*1
60	75	360	300	240	2	CR353FF2B*1
60	75	360	300	240	3	CR353FF3B*1
75	90	450	375	300	2	CR353EG2B*1
75	90	450	375	300	3	CR353EG3B*1
90	90	540	450	360	2	CR353EH2B*1
90	90	540	450	360	3	CR353EH3B*1
120	120	720	600	480	2	CR353GJ2A*1
120	120	720	600	480	3	CR353GJ3A*1
150	150	900	750	600	2	CR353GK2A*1
150	150	900	750	600	3	CR353GK3A*1

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

Coil Selection

CR353F, E, G Coil Selection

AC Coils

CR353F, E Coil Voltage		CR353G Coil Voltage		Product No. Digit
60 Hz	50 Hz	60 Hz	50 Hz	
24	24	—	—	H
110-120	110-120	115-120	110	A
208-240	208-240	230-240	220	B
277	—	277	—	F
460-480	440	460-480	440	C
575-600	550	575-600	550	D

DC Coils

CR353F Coil Voltage	CR353E Coil Voltage	Product No. Digit
12	12	P
24-28	24-28	R
110-125	110-125	S
—	48	T



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Section 4

CR353

Standard

Three Phase

2-pole and 3-pole

Factory Modified Forms

50A-150A

Factory Installed Modifications

CR353 Definite Purpose Contactors, 50A-90A, 2-pole & 3-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: minimum order quantities apply to all factory modified forms. Contact factory for details.

Full Load Amps	Resistive Amps Per Pole	Locked Rotor Amps, Three Phase, 50/60 Hz				Product Number (Complete by adding digits from tables below ¹)												
		240V	480V	600V	Poles	Required Digits										Options		
		1	2	3	4	5	6	7	8	9	10	11	12	13				
50	62	300	250	200	2	C	R	3	5	3	F	E	2					
50	62	300	250	200	3	C	R	3	5	3	F	E	3					
60	75	360	300	240	2	C	R	3	5	3	F	F	2					
60	75	360	300	240	3	C	R	3	5	3	F	F	3					
75	90	450	375	300	2	C	R	3	5	3	E	G	2					
75	90	450	375	300	3	C	R	3	5	3	E	G	3					
90	90	540	450	360	2	C	R	3	5	3	E	H	2					
90	90	540	450	360	3	C	R	3	5	3	E	H	3					

¹If no options are required, product number is complete after 10 digits.

Digit 9 Line and Load Terminals

Product No. Digit 9	Terminal Type
A	Screw w/Quick Connect
B	Box Lug w/Quick Connect (standard)
C	Screw
D	Lug

Digit 10 Coil Selection

AC Coils

Coil Voltage		Product No. Digit 10
60 Hz	50 Hz	
24	24	H
110-120	110-120	A
208-240	208-240	B
277	—	F
460-480	440	C
575-600	550	D

DC Coils

CR353F Coil Voltage	CR353E Coil Voltage	Product No. Digit 10
—	12	P
24-28	24-28	R
—	115	S
—	48	T

Factory Installed Modifications

CR353 Definite Purpose Contactors, 120A-150A, 2-pole and 3-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: minimum order quantities apply to all factory modified forms. Contact factory for details.

Full Load Amps	Resistive Amps Per Pole	Locked Rotor Amps, Three Phase, 50/60 Hz				Product Number (Complete by adding digits from tables below ¹)												
		240V	480V	600V	Poles	Required Digits										Options		
		1	2	3	4	5	6	7	8	9	10	11	12	13				
120	120	720	600	480	2	C	R	3	5	3	G	J	2	A	1			
120	120	720	600	480	3	C	R	3	5	3	G	J	3	A	1			
150	150	900	750	600	2	C	R	3	5	3	G	K	2	A	1			
150	150	900	750	600	3	C	R	3	5	3	G	K	3	A	1			

¹If no options are required, product number is complete after 11 digits.

Digit 10 Coil Selection

Coil Voltage		Product No. Digit 10
60 Hz	50 Hz	
115-120	110	A
230-240	220	B
277	—	F
460-480	440	C
575-600	550	D

Digit 11 Terminal Markings

Product No. Digit 11	Terminal Markings
0	No terminal markings ²
1	Line (L) at top, Load (T) at bottom (Standard)
2	Load (T) at top, Line (L) at bottom (Inverted)

²If this will be the final digit(s) in your selection, omit from product number.

Digit 12 Auxiliary Contacts

Product No. Digit 12	Auxiliary Contacts
A	None (standard) ²
B	10FLA, 250Vac SPDT on left side
C	10FLA, 250Vac, SPDT left & right
D	10FLA, 600Vac, 1NO-1NC on left side ³

³Not available on CR353F.

Digit 13 Nameplate Markings

Product No. Digit 13	Specials
Blank	None (standard)
Request from Factory	(Custom) ⁴

⁴For special nameplate markings, contact factory.

Digit 12 Auxiliary Contacts

Product No. Digit 12	Auxiliary Contacts
A	None ²
B	10FLA, 600Vac, 1NO on left side
C	10FLA, 600Vac, 1NC on left side
D	10FLA, 600Vac, 1NO-1NC on left side

²If this will be the final digit in your selection, omit from product number.

Digit 13 Nameplate Marking

Product No. Digit 13	Specials
Blank	None (standard)
Request from Factory	(Custom) ⁴

⁴For special nameplate markings, contact factory.

