

## CR460 components



CR463L - basic contactor

### Basic contactor

Combined with other appropriate components, basic contactors allow configuration into any available electrically or mechanically held model. Includes two power poles.

Contact configuration	Product number
1NO-1NC	CR463L11A*A
2NO	CR463L20A*A

Replace \* in the product number with the appropriate digits from the Coil Voltage table. The resulting product number will be for an assembled contactor with no additional auxiliary contacts, pilot devices, pilot lights, control circuit fuses or CPTs.

### Coil voltage

AC, 60Hz	AC, 50Hz	Electrically held	Mechanically held	Coil digit
24V	20V	•	•	C
28V	24V	•	•	D
<b>115-120V</b>	<b>110V</b>	•	•	<b>J</b>
200-208V	-	•	•	L
230-240V	220V	•	•	S
<b>277V</b>	<b>240V</b>	•	•	<b>N</b>
347V	-	•	<sup>1</sup>	T
460-480V	440V	•	<sup>1</sup>	U
575-600V	550V	•	<sup>1</sup>	Y

<sup>1</sup>Control module switching device rated 277V max; use CPT for higher voltage



CR460XP - power poles

### Power poles

CR460 series basic contactors accept up to 6 single- or double-pole power poles. These can be used to form up to:

- 12 NO poles when 6 double-poles are used in the NO positions (1-6) or
- 8 NC poles with 4 double-poles in the NC positions (1-4) + NO poles with 2 double-poles in the 2 NO positions (5-6)

Type	Product number
Single pole	CR460XP31
Double pole	CR460XP32

Packaged individually and overpacked in multiple of 5.



CR460XM - conversion kits

### Conversion kits for mechanically held contactors

Kits for converting electrically held contactors to a mechanically held version. Kits include control module, latch, latch cover and auxiliary contact(s) plus installation instructions. Conversion kits are suitable for coil voltages 277V and below. Use CPT to reduce coil voltage if line voltage is higher than 277V.

Coil voltage range	Control circuit wiring	Auxiliary contacts <sup>1</sup>	Control circuit voltage	Product number
24-277 Vac	2-wire	(1) 1 pole	24 Vac	CR460XMB
24-277 Vac	2-wire	(1) 1 pole	110-120 Vac	CR460XMC
24-277 Vac	2-wire	(1) 1 pole	200-277 Vac	CR460XMD
24-277 Vac	2-wire	(1) 1 pole	12-28 Vdc	CR460XME
24-277 Vac	3-wire	(2) 1 pole	24 Vac	CR460XMM
24-277 Vac	3-wire	(2) 1 pole	110-120 Vac	CR460XMN
24-277 Vac	3-wire	(2) 1 pole	200-277 Vac	CR460XMP
24-277 Vac	3-wire	(2) 1 pole	12-28 Vdc	CR460XMR

<sup>1</sup>Auxiliary contact block required for feedback loop, alternate 2 pole blocks may be required for status feedback and/or pilot lights. See fuse and transformer kits table on page 3-11 for CPT selection. See wiring diagrams on page 3-23.

## CR463L

Electrically held contactors  
CR463L -30A (2-12 pole)  
Standard assembled forms



### Product number selection instructions

Replace \* in the product number with the appropriate digits from the coil voltage table on page 3-15. The resulting product number will be for an assembled contactor with no additional auxiliary contacts, pilot devices, pilot lights, control circuit fuses or CPTs.

For modified assembled forms with those modifications, see pages 3-16 and 3-17.

- Items listed here are the most common pole configurations.
- Poles may be reconfigured by the user into alternative combinations of NO and NC contacts.
- All configurations are available as factory-assembled forms.

### Open

No. of poles	Contact configuration	Product number
2	1NO-1NC	CR463L11A*A
2	2NO	CR463L20A*A
3	3NO	CR463L30A*A
4	3NO-1NC	CR463L31A*A
4	4NO	CR463L40A*A
5	5NO	CR463L50A*A
6	5NO-1NC	CR463L51A*A
6	6NO	CR463L60A*A
7	7NO	CR463L70A*A
8	7NO-1NC	CR463L71A*A
8	8NO	CR463L80A*A
9	9NO	CR463L90A*A
10	9NO-1NC	CR463L91A*A
10	10NO	CR463LB0A*A
11	11NO	CR463LC0A*A
12	12NO	CR463LD0A*A

### Enclosed NEMA Type 1 surface mount

No. of poles	Contact configuration	Product number
2	1NO-1NC	CR463L11A*A10A0
2	2NO	CR463L20A*A10A0
3	3NO	CR463L30A*A10A0
4	3NO-1NC	CR463L31A*A10A0
4	4NO	CR463L40A*A10A0
5	5NO	CR463L50A*A10A0
6	5NO-1NC	CR463L51A*A10A0
6	6NO	CR463L60A*A10A0
7	7NO	CR463L70A*A10A0
8	7NO-1NC	CR463L71A*A10A0
8	8NO	CR463L80A*A10A0
9	9NO	CR463L90A*A10A0
10	9NO-1NC	CR463L91A*A10A0
10	10NO	CR463LB0A*A10A0
11	11NO	CR463LC0A*A10A0
12	12NO	CR463LD0A*A10A0

### Enclosed NEMA Type 1 surface mount (oversize)<sup>1</sup>

No. of poles	Contact configuration	Product number
2	1NO-1NC	CR463L11A*A10AA
2	2NO	CR463L20A*A10AA
3	3NO	CR463L30A*A10AA
4	3NO-1NC	CR463L31A*A10AA
4	4NO	CR463L40A*A10AA
5	5NO	CR463L50A*A10AA
6	5NO-1NC	CR463L51A*A10AA
6	6NO	CR463L60A*A10AA
7	7NO	CR463L70A*A10AA
8	7NO-1NC	CR463L71A*A10AA
8	8NO	CR463L80A*A10AA
9	9NO	CR463L90A*A10AA
10	9NO-1NC	CR463L91A*A10AA
10	10NO	CR463LB0A*A10AA
11	11NO	CR463LC0A*A10AA
12	12NO	CR463LD0A*A10AA

<sup>1</sup>Oversize enclosures required for field installed pilot devices, pilot lights and control power transformers.

### Enclosed NEMA Type 1 surface mount

No. of poles	Contact configuration	Product number
2	1NO-1NC	CR463L11A*A80A0
2	2NO	CR463L20A*A80A0
3	3NO	CR463L30A*A80A0
4	3NO-1NC	CR463L31A*A80A0
4	4NO	CR463L40A*A80A0
5	5NO	CR463L50A*A80A0
6	5NO-1NC	CR463L51A*A80A0
6	6NO	CR463L60A*A80A0
7	7NO	CR463L70A*A80A0
8	7NO-1NC	CR463L71A*A80A0
8	8NO	CR463L80A*A80A0
9	9NO	CR463L90A*A80A0
10	9NO-1NC	CR463L91A*A80A0
10	10NO	CR463LB0A*A80A0
11	11NO	CR463LC0A*A80A0
12	12NO	CR463LD0A*A80A0