

# Lighting Contactors

# Section 3

## CR463

### Components

GE Fastrac Program items are printed in red type.

#### 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	List Price GO-10MB
1NO-1NC	CR463L11A*A	\$165.00
2NO	CR463L20A*A	\$160.00

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. There is no list price adder to Coil Selection.

#### 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	—	√	1	T
460-480V	440V	√	1	U
575-600V	550V	√	1	Y

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

#### CR463L—A\*A Basic Contactor

#### 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) + 4 NO poles with 2 double-poles in the 2 NO positions (5-6)

Type	Product Number	List Price GO-10MB
Single Pole	CR460XP31	\$43.00
Double Pole	CR460XP32	\$82.00

Packaged individually and overpacked in multiple of 5.

#### CR460XP—Power Poles

#### Conversion Kits for Mechanically Held Contactors

Kits for converting electrically held contactors to a mechanically held version. Kits includes 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	List Price GO-10MB
24-277 Vac	2-wire	(1) 1 Pole	24 Vac	CR460XMB	\$105.00
24-277 Vac	2-wire	(1) 1 Pole	110-120 Vac	CR460XMC	\$105.00
24-277 Vac	2-wire	(1) 1 Pole	200-277 Vac	CR460XMD	\$105.00
24-277 Vac	2-wire	(1) 1 Pole	12-28 Vdc	CR460XME	\$105.00
24-277 Vac	3-wire	(2) 1 Pole	24 Vac	CR460XMM	\$115.00
24-277 Vac	3-wire	(2) 1 Pole	110-120 Vac	CR460XMN	\$115.00
24-277 Vac	3-wire	(2) 1 Pole	200-277 Vac	CR460XMP	\$115.00
24-277 Vac	3-wire	(2) 1 Pole	12-28 Vdc	CR460XMR	\$115.00

<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 3-7 for CPT selection. See wiring diagrams on page 3-16.

#### CR460XM—Conversion Kits

#### Auxiliary Contacts

Each contactor may use one single or one double auxiliary contact block on each side of the base. When installed on the left side the contacts are NO, when installed on the right side the contacts are NC. This allows a total of 2NO + 2NC contacts maximum.

Type	Product Number	List Price GO-10MB
Single Pole	CR460XB1	\$9.00
Double Pole	CR460XB2	\$17.00

See Additional Auxiliary Contacts tables on pages 3-11 and 3-15 for contact selection data.

#### Enclosure Kits

Description	Enclosure Type	Product Number	List Price GO-10MB
With no CPT or pilot device	NEMA Type 1	CR460XE1B	\$43.00
With no CPT or pilot device	NEMA Type 1 Flush Mount	CR460XE8B	\$80.00
With no CPT or pilot device	NEMA Type 12/3R	CR460XE2B	\$100.00
With provision for CPT and/or pilot devices, lights	NEMA Type 1	CR460XE1D	\$83.00
With provision for CPT and/or pilot devices, lights	NEMA Type 12/3R	CR460XE2D	\$140.00
With provision for CPT and/or pilot devices, lights	NEMA Type 4	CR460XE4D	\$235.00

See pages 3-18 to 3-19 for enclosure dimensions.

#### CR460XB—Auxiliary Contacts



Product Number Selection Instructions: See page 3-5