



C30CN Lighting Contactors – Coil Kits

Coils for Lighting Contactor C30CN series: 9-3242-1, 9-3242-2, 9-3242-3, 9-3242-4, 9-3242-5, 9-3242-6, 9-3242-7, 9-3242-8, and 9-3242-9

INTRODUCTION The coil kits are designed for use in the lighting contactor C30CN series. These kits offer a variety of coils in different voltages.



WARNING !

HAZARDOUS VOLTAGE.

Disconnect all power before working on equipment.
Electrical shock will cause severe injury or death.

TENSION DANGEREUSE.

Coupez l'alimentation avant travailler sur le produit.
Electrocution peut causer de sévères blessures ou la mort.

Installation

1. Remove all packing material.
2. Disconnect all power and replace and mount the coil on the contactor as shown in Figure 1.
3. For mechanically held type C30CNM series, remove all wires from the control module and remove the coil cover along with control module.

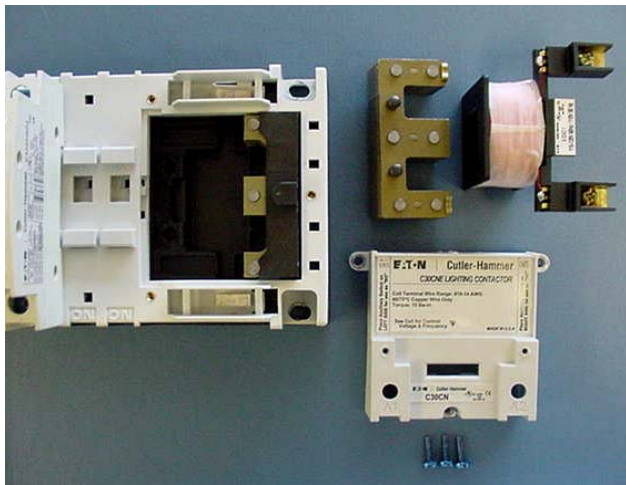


Figure 1

Note: For mechanically held lighting contactor, only use coil rated up to 277 VAC maximum. Use control power transformer for higher voltages.

Wiring

Coil terminal can accept wires from #18 AWG to #14 AWG (either solid or stranded) as single or combination of two wires (refer to Table A for valid wire combination). Wire material must be copper with a temperature rating of 60 or 75 degrees C. Maximum tightening torque is 15 in-lbs.

Size	Type	#14 AWG		#16 AWG		#18 AWG	
		Solid	Stranded	Solid	Stranded	Solid	Stranded
#14 AWG	Solid	X	X	X	X	X	X
	Stranded	X	X	X	X	X	X
#16 AWG	Solid	X	X	X	X	X	X
	Stranded	X	X	X	X	X	X
#18 AWG	Solid	X	X	X	X	X	X
	Stranded	X	X	X	X	X	X

Table A

Ordering Code

Coils:

9-3242-7	24V 60Hz / 20V 50Hz Coil
9-3242-8	28V 60Hz / 24V 50Hz Coil
9-3242-1	115-120V 60Hz / 110V 50Hz Coil
9-3242-5	200-208V 60Hz Coil
9-3242-2	230-240V 60Hz / 220V 50Hz Coil
9-3242-6	265-277V 60Hz / 240V 50Hz Coil
9-3242-9	347V 60Hz Coil
9-3242-3	460-480V 60Hz / 440V 50Hz Coil
9-3242-4	575-600V 60Hz / 550V 50 Hz Coil

Note:

- a) The same coil can be used for both C30CNE and C30CNM lighting contactors.
- b) 9-3242-4, 9-3242-3 and 9-3242-9 available only for electrically held type (C30CNE) lighting contactors or with mechanically held type (C30CNM) lighting contactors with control power transformer.

Note:

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the Purchase's purpose, the matter should be referred to Eaton e-Com Technical Support. Toll free telephone (800) 356-1243.