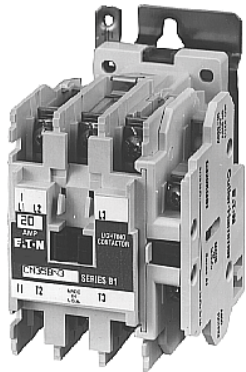


6.1

Lighting Contactors

Open Control

CN35 Electrically Held



6

CN35 Electrically Held

Product Description

Type CN35 Electrically Held Lighting Contactors from Eaton's electrical sector are designed to handle the switching of tungsten (incandescent) or ballast (fluorescent and mercury arc) lamp loads as well as other non-motor (resistive) loads.

Application Description

- Ideal applications include industrial plants, stadiums, parks and any new construction requiring lighting control
- Ballast lamps equate to fluorescent, mercury vapor, sodium vapor and quartz loads and will operate at a maximum of 600V
- Filament lamps equate to incandescent, infrared, sodium iodine and heating loads and will operate at a maximum of 480V
- Resistance heating equates to radiant and convection heating, furnace and oven loads

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Features

- Designed and tested specifically for lighting and resistive loads
- Easy to install and maintain
- Full line of Freedom snap-on accessories
- Standard with 1NO auxiliary contact (the 10A two- and three-pole ship standard with the auxiliary in the fourth power pole position with no increase in width)
- Top and side mounted auxiliary contacts available for 10–60A devices; side mounted auxiliaries only available on 100A and greater
- Straight-through wiring

Standards and Certifications

- UL File No. E37317, Guide LR353
- CSA File No. LR353



Instructional Leaflets

- 19225 CN35AN (2-, 3-, 4-Pole)
- 19227 CN35BN (2-, 3-Pole)
- 24829 CN35BN (4-, 5-Pole)
- 24840 CN35BN (6-, 9-, 12-Pole)
- 19227 CN35DN (2-, 3-Pole)
- 19229 CN35GN (2-, 3-Pole)
- 19874 CN35GN (4-, 5-Pole)
- 20218 CN35KN (2-, 3-Pole)
- 20171 CN35NN (2-, 3-Pole)
- 20172 CN35SN (2-, 3-Pole)
- 20172 CN35TN (2-, 3-Pole)

Product Selection

When Ordering Specify

- Catalog number including the coil suffix code from the Magnet Coil Selection table
- Any required accessories

CN35GN5A



CN35 AC Lighting Contactors—Electrically Held

Maximum Ampere Rating ^①	Number of Poles	Open Type Catalog Number ^③
10	2	CN35AN2_B
	3	CN35AN3_B
	4	CN35AN4_B
20	2	CN35BN2_B
	3	CN35BN3_B
	4	CN35BN4_B
	6	CN35BN6_B
	9	CN35BN9_B
30	12	CN35BN12_B
	2	CN35DN2_B
	3	CN35DN3_B
	4	CN35DN4_B
	5	CN35DN5_B
	6	CN35DN6_B
60	9	CN35DN9_B
	12	CN35DN12_B
	2	CN35GN2_B
	3	CN35GN3_B
100	4 ^②	CN35GN4_B
	5 ^②	CN35GN5_B
	2	CN35KN2_
200	3	CN35KN3_
	2	CN35NN2_
300	3	CN35NN3_
	2	CN35SN2_
400 ^④	3	CN35SN3_
	2	CN35TN2_
	3	CN35TN3_

Notes

- ① The listed ampere ratings are based on a maximum load voltage of 480V for tungsten lamp applications and 600V for ballast or mercury vapor type applications.
- ② Additional power poles mounted on side(s) of contactor.
- ③ Underscore (_) indicates missing code letter for magnet coil—see Magnet Coil Selection table.
- ④ UL ballast and resistive ratings only.
- ⑤ For **DC Magnet Coils**, see NEMA Contactors and Starters, Tab 2 in this volume.
- ⑥ For 10, 20 and 30A sizes only. Sizes 60–400A are 24V/60 Hz only.
- ⑦ For 10, 20 and 30A sizes only.

Magnet Coil Selection

Coil Voltage and Hertz ^⑤	Code Suffix
120/60 or 110/50	A
240/60 or 220/50	B
480/60 or 440/50	C
600/60 or 550/50	D
208/60	E
277/60	H
208–240/60 ^⑥	J
240/50	K
380–415/60	L
550/50	N
24/60, 24/50 ^⑦	T
24/50	U
32/50	V
48/60	W
48/50	Y