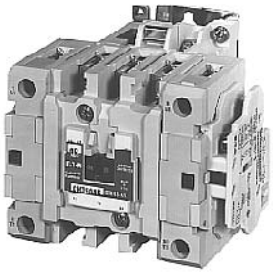
CN35-Open (ECL03-Enclosed)

20 Ampere



60 Ampere

Product Description

Lighting Contactors are designed to handle the switching of tungsten (incandescent filament) or ballast (fluorescent and mercury arc) lamp loads as well as other non-motor (resistive) loads. Ratings of 10 – 400 amperes, 1 – 12 poles, open or NEMA 1, 3R, 4/4X and 12 enclosed.

Application Description

Loads:

Ballast Lamps — Fluorescent, Mercury Vapor, Sodium Vapor, Quartz — 600 V maximum.

Filament Lamps — Incandescent, Infrared, Heating — 480 V maximum.

Resistance Heating — Radiant and convection heating, furnaces and ovens.

Cover Control — See Enclosed Control Product Guide PG.3.02.T.E Start-Stop and Hand-Off-Auto only.

Enclosures

Open, NEMA Type 1, 3R, 4/4X and 12.

Auxiliary Contacts

Eaton's Cutler-Hammer CN35 Lighting Contactors include a NO maintaining auxiliary contact mounted on right-hand side (on 10-ampere, 2- and 3-pole devices, auxiliary contact occupies 4th power pole position — no increase in width). Enclosed devices include a NO auxiliary contact only on the right-hand contactor. The 10 – 60 A devices will accept additional auxiliary contacts on the top and/or sides. The 100 – 400 A sizes will accept side-mounted auxiliaries only.

Typical Specifications

Electrically-held lighting contactors are Cutler-Hammer Type CN35 or ELC03, or approved equal for lighting loads of 10 – 300 A. They are built and tested in accordance with applicable NEMA standards.

These contactors are designed to withstand the large initial inrush currents of tungsten and ballast lamp loads as well as non-motor (resistive) loads without contact welding. Contactors are capable of accepting up to 8 auxiliary contacts — top and/or side up to 60 amperes and side only up to 400 amperes. Contactors are capable of being operated by ac or dc control.

Table 30.2-1. Ratings — CN35 ac Lighting Contactors — Electrically Held

Maximum Ampere Rating ①	Number of Poles
10	2, 3, 4
20	2, 3, 4, 6, 9, 12
30	2, 3, 4, 5, 6, 9, 12
60	2, 3, 4 ②, 5 ②
100, 200, 300	2, 3, 4, 5
400	2, 3

① Listed ampere ratings are based on a maximum load voltage of 480 V for tungsten lamp applications and 600 V for ballast or mercury vapor type applications.

② Additional power poles mounted on side(s) of contactor.

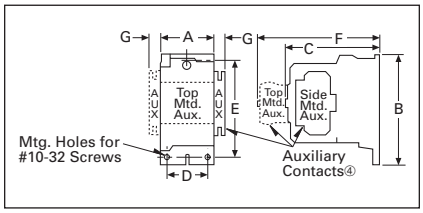


Figure 30.2-1. Open Type

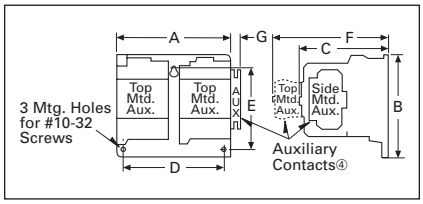


Figure 30.2-2. Open Type, 20 – 30 Ampere Sizes, 4 – 6 Poles

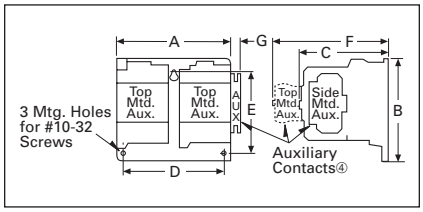


Figure 30.2-3. Open Type, 20 – 30 Ampere Sizes, 4 – 6 Poles

③ See "Auxiliary Contacts" for type and location of auxiliary contacts supplied.

Table 30.2-2. Approximate Dimensions and Shipping Weights

Ampere Rating	Number of Poles	Dimensions in Inches (mm)							Shipping Weight Lbs. (kg)
		Wide A	High B	Deep C	Mounting D ④	Mounting E	F	G	
Open Type									
10	2 – 4	2.00 (50.8)	3.88 (98.5)	3.49 (88.6)	1.50 (38.1)	3.38 (85.9)	4.90 (124.5)	0.54 (13.7)	1.4 (0.63)
20 – 30	2 – 3	2.00 (50.8)	3.88 (98.5)	3.49 (88.6)	1.50 (38.1)	3.38 (85.9)	4.90 (124.5)	0.54 (13.7)	1.45 (0.65)
20 – 30	4 – 6	4.20 (106.7)	4.35 (110.5)	3.52 (89.4)	3.50 (88.9)	3.86 (98.0)	4.90 (124.5)	0.54 (13.7)	2.9 (1.3)
20 – 30	9	10.50 (266.7)	5.75 (146.0)	4.52 (114.8)	4.50 (114.3)	5.00 (127.0)	—	—	4.35 (1.96)
20 – 30	12	10.50 (266.7)	5.75 (146.0)	4.52 (114.8)	4.50 (114.3)	5.00 (127.0)	—	—	5.8 (2.6)
60	2 – 3	2.56 (65.1)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8)	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	3.4 (1.53)
60	4	3.46 (87.8)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8)	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	3.5 (1.57)
60	5	4.36 (110.7)	5.05 (128.3)	4.44 (112.8)	2.00 (50.8)	4.50 (114.3)	5.80 (147.3)	0.54 (13.7)	3.55 (1.59)
100	2 – 3	3.54 (89.9)	7.17 (182.1)	5.94 (150.9)	3.00 (76.2)	6.63 (168.4)	—	0.54 (13.7)	9 (4.1)
200	2 – 3	7.05 (179.1)	9.11 (231.4)	7.25 (184.2)	6.00 (152.4)	8.50 (215.9)	—	—	20 (9.0)
300	2 – 3	7.05 (179.1)	13.12 (333.2)	7.78 (184.2)	6.00 (152.4)	12.50 (317.5)	—	—	23 (10.35)

④ Center mounting slot at bottom on 10 – 30 A sizes only.

Catalog Number Selection

Table 37-44. Enclosed Lighting Contactor Catalog Numbering System

EC L 12 D 1 A 3 E - X

Design

L = CN35 or A202 Lighting Contactor
C = C30CN Lighting Contactor

Modification Codes

(See *Enclosed Control Product Guide*)

Class	Page
Non-combination Contactors	
03 = Electrically Held	**37-23** & **37-24**
04 = Mechanically/Magnetically Latched	**37-23** & **37-26**
Combination — Fusible	
12 = Electrically Held	**37-28**
13 = Mechanically/Magnetically Latched	**37-28**
Combination — Thermal-Magnetic Circuit Breaker	
14 = Electrically Held	**37-28**
15 = Mechanically/Magnetically Latched	**37-28**

Disconnect Fuse Clip Ratings

A = None	**J** = 200A/600V R
B = 30A/250V R	**K** = 400A/250V R
C = 30A/600V R	**L** = 400A/600V R
D = 60A/250V R	**M** = 600A/250V R
E = 30A/600V R	**N** = 600A/600V R
F = 100A/250V R	**P** = 800A/600V R
G = 100A/600V R	**T** = By Description
H = 200A/250V R	

Thermal-Magnetic Breaker Ratings

A = None	**F** = 60A	**J** = 300A	**M** = 800A
D = 20A	**G** = 100A	**K** = 400A	**T** = By Description
E = 30A	**H** = 200A	**L** = 600A	

Ampere Size ②

A = 10A	**F** = 200A
B = 20A	**G** = 300A
C = 30A	**H** = 400A
D = 60A	**J** = 600A
E = 100A	

Number of Poles ①

1, **2**, **3**, **4**, **5**, **6**, **7**, **8**, **9** = Poles Required
A = 10 Poles
B = 12 Poles
C = 20 Poles
Combination Devices = 3-Pole Only

Enclosure Types

1 = Type 1 — General Purpose
2 = Type 3R — Rainproof
3 = Type 4 — Watertight (Painted)
4 = Type 4X — Watertight (304-Grade Stainless Steel)
6 = Type 7/9 — Explosion Proof
8 = Type 12 — Dust-Tight
9 = Type 4X — Watertight (316-Grade Stainless Steel)

Coil Voltage

A = 120/60 110/50	**K** = 240/50	**T** = 24/60
B = 240/60 220/50	**L** = 380/50	**U** = 24/50
C = 480/60 440/50	**M** = 415/50	**V** = 32/50
D = 600/60 550/50	**P** = 12V DC	**W** = 48/60
E = 208/60	**Q** = 24V DC	**X** = 104 – 120/60
G = 550/50	**R** = 48V DC	**Y** = 48/50
H = 277/60	**S** = 125V DC	**Z** = By Description
J = 208 – 240/60		

① For normally closed poles see Modification Codes.
② C30CN available in 30A only.

Enclosures

Lighting contactors are available open or mounted in Type 1, 3R, 4, 4X, 12 or 7/9 enclosures.

Type 1 is for indoor, general purpose for personal protection. Knock-outs are provided in the top and bottom for conduit entry.

Type 3R is for outdoor applications and rated for rain, sleet and external ice buildup. Type 3R enclosures have knockouts in the bottom and provisions for a hub in the top.

Type 4 and 4X are for mounting indoor or outdoor and provides protection from splashing water, hose-directed water and wind-blown dust. Watertight conduit hubs are provided in the top and bottom of Type 4X enclosures. The standard Type 4X enclosures are made of 304-Grade stainless steel, providing corrosion protection. 316-Grade stainless steel construction is available as an upgrade option.

Type 12 enclosures are for indoor mounting and protect from dripping liquids, falling dirt and dust. No knockouts or hubs are provided with Type 12 enclosures.

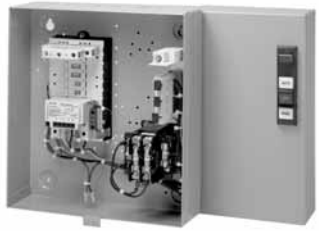
Type 1, 3R, 4 and 12 enclosures are painted with a polyester urethane powder coat paint meeting UL requirements and the color is ANSI 61 gray. Type1 enclosures have knockouts for cover controls. All the other Types have holes plugged, ready for cover controls. Type 7/9 is also available for explosion proof applications. Please contact the factory for additional details.

Note: Modification codes can be found on Pages 5-16 through 5-30 of the *Enclosed Control Product Guide* (PG03300001E).

Product Selection

2-Wire and 3-Wire Control Wiring Options — 2-Wire Control Standard

Enclosed Electrically Held Lighting Contactor



Enclosed Mechanically Held Lighting Contactor

Table 37-45. Class ECC03 — Non-combination Electrically Held 2-Wire or 3-Wire Control — C30CN

Number of Poles	Type 1	Type 3R	Type 4X ①	Type 7/9	Type 12	Component Contactor (Open)
	Catalog Number ②	Catalog Number ②	Catalog Number ②	Catalog Number ②	Catalog Number ②	Catalog Number ②
Continuous Amps – 30						
2	ECC03C1_2A	ECC03C2_2A	ECC03C4_2A	ECC03C6_2A	ECC03C8_2A	C30CNE20_0
3	ECC03C1_3A	ECC03C2_3A	ECC03C4_3A	ECC03C6_3A	ECC03C8_3A	C30CNE30_0
4	ECC03C1_4A	ECC03C2_4A	ECC03C4_4A	ECC03C6_4A	ECC03C8_4A	C30CNE40_0
5	ECC03C1_5A	ECC03C2_5A	ECC03C4_5A	ECC03C6_5A	ECC03C8_5A	C30CNE50_0
6	ECC03C1_6A	ECC03C2_6A	ECC03C4_6A	ECC03C6_6A	ECC03C8_6A	C30CNE60_0
7	ECC03C1_7A	ECC03C2_7A	ECC03C4_7A	ECC03C6_7A	ECC03C8_7A	C30CNE70_0
8	ECC03C1_8A	ECC03C2_8A	ECC03C4_8A	ECC03C6_8A	ECC03C8_8A	C30CNE80_0
9	ECC03C1_9A	ECC03C2_9A	ECC03C4_9A	ECC03C6_9A	ECC03C8_9A	C30CNE90_0
10	ECC03C1_AA	ECC03C2_AA	ECC03C4_AA	ECC03C6_AA	ECC03C8_AA	C30CNE100_0
12	ECC03C1_BA	ECC03C2_BA	ECC03C4_BA	ECC03C6_BA	ECC03C8_BA	C30CNE120_0

① These are the Catalog Numbers for Type 4X 304-Grade Stainless Steel, as indicated by the seventh digit **4**. Example: ECC03C**4**A2A. To order Type 4X 316-Grade Stainless Steel, change that digit to **9**. To order Type 4 Painted Steel, change that digit to **3**. To order Nonmetallic, change that digit to **5**.

② For first open position (Coil Voltage), use the table below.

Suffix	Coil Voltage	Suffix	Coil Voltage	Suffix	Coil Voltage
A	120/60 or 110/50	**D**	600/60 or 550/50	**T**	24/60
B	240/60 or 220/50	**E**	208/60	**V**	28/60 or 24/50
C	480/60 or 440/50	**H**	277/60 or 240/50	**X**	347/60

Table 37-46. Class ECC04 — Non-combination Mechanically Held 2-Wire Control — C30CN ③

Number of Poles	Type 1	Type 3R	Type 4X ④	Type 7/9	Type 12	Component Contactor (Open)
	Catalog Number ⑤	Catalog Number ⑤	Catalog Number ⑤	Catalog Number ⑤	Catalog Number ⑤	Catalog Number ⑤
Continuous Amps – 30						
2	ECC04C1_2A	ECC04C2_2A	ECC04C4_2A	ECC04C6_2A	ECC04C8_2A	C30CNM20_
3	ECC04C1_3A	ECC04C2_3A	ECC04C4_3A	ECC04C6_3A	ECC04C8_3A	C30CNM30_
4	ECC04C1_4A	ECC04C2_4A	ECC04C4_4A	ECC04C6_4A	ECC04C8_4A	C30CNM40_
5	ECC04C1_5A	ECC04C2_5A	ECC04C4_5A	ECC04C6_5A	ECC04C8_5A	C30CNM50_
6	ECC04C1_6A	ECC04C2_6A	ECC04C4_6A	ECC04C6_6A	ECC04C8_6A	C30CNM60_
7	ECC04C1_7A	ECC04C2_7A	ECC04C4_7A	ECC04C6_7A	ECC04C8_7A	C30CNM70_
8	ECC04C1_8A	ECC04C2_8A	ECC04C4_8A	ECC04C6_8A	ECC04C8_8A	C30CNM80_
9	ECC04C1_9A	ECC04C2_9A	ECC04C4_9A	ECC04C6_9A	ECC04C8_9A	C30CNM90_
10	ECC04C1_AA	ECC04C2_AA	ECC04C4_AA	ECC04C6_AA	ECC04C8_AA	C30CNM100_
12	ECC04C1_BA	ECC04C2_BA	ECC04C4_BA	ECC04C6_BA	ECC04C8_BA	C30CNM120_

③ Add **C18** Modification Code for 3-wire control.

④ These are the Catalog Numbers for Type 4X 304-Grade Stainless Steel, as indicated by the seventh digit **4**. Example: ECC04C**4**A2A. To order Type 4X 316-Grade Stainless Steel, change that digit to **9**. To order Type 4 Painted Steel, change that digit to **3**. To order Nonmetallic, change that digit to **5**.

⑤ For first open position (Coil Voltage), use the table below.

Suffix	Coil Voltage	Suffix	Coil Voltage	Suffix	Coil Voltage
A	120/60 or 110/50	**D**	600/60 or 550/50	**T**	24/60
B	240/60 or 220/50	**E**	208/60	**V**	28/60 or 24/50
C	480/60 or 440/50	**H**	277/60 or 240/50	**X**	347/60

Note: To get the C30CN Lighting Contactor with normally closed power poles, see Modification Codes.

Accessories ..... **Page 37-20**
Cover Control ..... **Page 37-21**
Dimensions **PG03300001E**
Modifications **PG03300001E**
Discount Symbol **1CD-1C**

Product Selection

Table 37-47. Class ECL03 — Electrically Held — CN35

No. of Poles	Frame Size	Type 1 General Purpose	Type 3R Rainproof	Type 4X ② Watertight & Dust-Tight Stainless Steel	Type 7/9 Hazardous Location	Type 12 Dust-Tight Industrial	Component Contactor (Open)
		Catalog Number ③	Catalog Number ③	Catalog Number ③	Catalog Number ③	Catalog Number ③	Catalog Number ③
Maximum Ampere Rating — 10 ①							
2	45 mm	ECL03A1_2A	ECL03A2_2A	ECL03A4_2A	ECL03A6_2A	ECL03A8_2A	CN35AN2_B
3		ECL03A1_3A	ECL03A2_3A	ECL03A4_3A	ECL03A6_3A	ECL03A8_3A	CN35AN3_B
4		ECL03A1_4A	ECL03A2_4A	ECL03A4_4A	ECL03A6_4A	ECL03A8_4A	CN35AN4_B
5		ECL03A1_5A	ECL03A2_5A	ECL03A4_5A	ECL03A6_5A	ECL03A8_5A	—
6		ECL03A1_6A	ECL03A2_6A	ECL03A4_6A	ECL03A6_6A	ECL03A8_6A	—
9	45 mm	ECL03A1_9A	ECL03A2_9A	ECL03A4_9A	ECL03A6_9A	ECL03A8_9A	—
10		ECL03A1_AA	ECL03A2_AA	ECL03A4_AA	ECL03A6_AA	ECL03A8_AA	—
12		ECL03A1_BA	ECL03A2_BA	ECL03A4_BA	ECL03A6_BA	ECL03A8_BA	—
20		ECL03A1_CA	ECL03A2_CA	ECL03A4_CA	ECL03A6_CA	ECL03A8_CA	—
Maximum Ampere Rating — 20 ①							
2	45 mm	ECL03B1_2A	ECL03B2_2A	ECL03B4_2A	ECL03B6_2A	ECL03B8_2A	CN35BN2_B
3		ECL03B1_3A	ECL03B2_3A	ECL03B4_3A	ECL03B6_3A	ECL03B8_3A	CN35BN3_B
4		ECL03B1_4A	ECL03B2_4A	ECL03B4_4A	ECL03B6_4A	ECL03B8_4A	CN35BN4_B
5		ECL03B1_5A	ECL03B2_5A	ECL03B4_5A	ECL03B6_5A	ECL03B8_5A	—
6		ECL03B1_6A	ECL03B2_6A	ECL03B4_6A	ECL03B6_6A	ECL03B8_6A	CN35BN6_B
9	45 mm	ECL03B1_9A	ECL03B2_9A	ECL03B4_9A	ECL03B6_9A	ECL03B8_9A	CN35BN9_B
10		ECL03B1_AA	ECL03B2_AA	ECL03B4_AA	ECL03B6_AA	ECL03B8_AA	—
12		ECL03B1_BA	ECL03B2_BA	ECL03B4_BA	ECL03B6_BA	ECL03B8_BA	CN35BN12_B
20		ECL03B1_CA	ECL03B2_CA	ECL03B4_CA	ECL03B6_CA	ECL03B8_CA	—
Maximum Ampere Rating — 30 ①							
2	45 mm	ECL03C1_2A	ECL03C2_2A	ECL03C4_2A	ECL03C6_2A	ECL03C8_2A	CN35DN2_B
3		ECL03C1_3A	ECL03C2_3A	ECL03C4_3A	ECL03C6_3A	ECL03C8_3A	CN35DN3_B
4		ECL03C1_4A	ECL03C2_4A	ECL03C4_4A	ECL03C6_4A	ECL03C8_4A	CN35DN4_B
5		ECL03C1_5A	ECL03C2_5A	ECL03C4_5A	ECL03C6_5A	ECL03C8_5A	CN35DN5_B
6		ECL03C1_6A	ECL03C2_6A	ECL03C4_6A	ECL03C6_6A	ECL03C8_6A	CN35DN6_B
9	45 mm	ECL03C1_9A	ECL03C2_9A	ECL03C4_9A	ECL03C6_9A	ECL03C8_9A	CN35DN9_B
10		ECL03C1_AA	ECL03C2_AA	ECL03C4_AA	ECL03C6_AA	ECL03C8_AA	—
12		ECL03C1_BA	ECL03C2_BA	ECL03C4_BA	ECL03C6_BA	ECL03C8_BA	CN35DN12_B
20		ECL03C1_CA	ECL03C2_CA	ECL03C4_CA	ECL03C6_CA	ECL03C8_CA	—
Maximum Ampere Rating — 60 ①							
2	65 mm	ECL03D1_2A	ECL03D2_2A	ECL03D4_2A	ECL03D6_2A	ECL03D8_2A	CN35GN2_B
3		ECL03D1_3A	ECL03D2_3A	ECL03D4_3A	ECL03D6_3A	ECL03D8_3A	CN35GN3_B
4		ECL03D1_4A	ECL03D2_4A	ECL03D4_4A	ECL03D6_4A	ECL03D8_4A	CN35GN4_B
5		ECL03D1_5A	ECL03D2_5A	ECL03D4_5A	ECL03D6_5A	ECL03D8_5A	CN35GN5_B
6	65 mm	ECL03D1_6A	ECL03D2_6A	ECL03D4_6A	ECL03D6_6A	ECL03D8_6A	—
9		ECL03D1_9A	ECL03D2_9A	ECL03D4_9A	ECL03D6_9A	ECL03D8_9A	—
10		ECL03D1_AA	ECL03D2_AA	ECL03D4_AA	ECL03D6_AA	ECL03D8_AA	—
12		ECL03D1_BA	ECL03D2_BA	ECL03D4_BA	ECL03D6_BA	ECL03D8_BA	—

① 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 These are the Catalog Numbers for Type 4X 304-Grade Stainless Steel, as indicated by the seventh digit **4**. Example: ECL03B**4**A2A. To order Type 4X 316-Grade Stainless Steel, change that digit to **9**. To order Type 4 Painted Steel, change that digit to **3**. To order Nonmetallic, change that digit to **5**.

③ For open position (Coil Voltage), use the table below:

Suffix	Coil Voltage
A	120/60 or 110/50
B	240/60 or 220/50
C	480/60 or 440/50
D	600/60 or 550/50
E	208/60
H	277/60

Type 1 Electrically Held
4-Pole Lighting Contactor

Accessories ..... **Pages 37-2 – 37-5**
Cover Control ..... **Page 37-21**
Dimensions **PG03300001E**
Modifications **PG03300001E**
Discount Symbol **1CD-1C**

Table 37-47. Class ECL03 — Electrically Held — CN35 (Continued)

No. of Poles	Frame Size	Type 1 General Purpose	Type 3R Rainproof	Type 4X ③ Watertight & Dust-Tight Stainless Steel	Type 7/9 Hazardous Location	Type 12 Dust-Tight Industrial	Component Contactor (Open)
		Catalog Number ④	Catalog Number ④	Catalog Number ④	Catalog Number ④	Catalog Number ④	Catalog Number ④
Maximum Ampere Rating — 100 ①							
2 3 4	90 mm	ECL03E1_2A ECL03E1_3A ECL03E1_4A	ECL03E2_2A ECL03E2_3A ECL03E2_4A	ECL03E4_2A ECL03E4_3A ECL03E4_4A	ECL03E6_2A ECL03E6_3A ECL03E6_4A	ECL03E8_2A ECL03E8_3A ECL03E8_4A	CN35KN2_ CN35KN3_ —
5 6 9	90 mm	ECL03E1_5A ECL03E1_6A ECL03E1_9A	ECL03E2_5A ECL03E2_6A ECL03E2_9A	ECL03E4_5A ECL03E4_6A ECL03E4_9A	ECL03E6_5A ECL03E6_6A ECL03E6_9A	ECL03E8_5A ECL03E8_6A ECL03E8_9A	— — —
Maximum Ampere Rating — 200 ①							
2 3 4	180 mm	ECL03F1_2A ECL03F1_3A ECL03F1_4A	ECL03F2_2A ECL03F2_3A ECL03F2_4A	ECL03F4_2A ECL03F4_3A ECL03F4_4A	ECL03F6_2A ECL03F6_3A ECL03F6_4A	ECL03F8_2A ECL03F8_3A ECL03F8_4A	CN35NN2_ CN35NN3_ —
5 6	180 mm	ECL03F1_5A ECL03F1_6A	ECL03F2_5A ECL03F2_6A	ECL03F4_5A ECL03F4_6A	ECL03F6_5A ECL03F6_6A	ECL03F8_5A ECL03F8_6A	— —
Maximum Ampere Rating — 300 ①							
2 3 4	180 mm	ECL03G1_2A ECL03G1_3A ECL03G1_4A	ECL03G2_2A ECL03G2_3A ECL03G2_4A	ECL03G4_2A ECL03G4_3A ECL03G4_4A	ECL03G6_2A ECL03G6_3A ECL03G6_4A	ECL03G8_2A ECL03G8_3A ECL03G8_4A	CN35SN2_ CN35SN3_ —
5 6	180 mm	ECL03G1_5A ECL03G1_6A	ECL03G2_5A ECL03G2_6A	ECL03G4_5A ECL03G4_6A	ECL03G6_5A ECL03G6_6A	ECL03G8_5A ECL03G8_6A	— —
Maximum Ampere Rating — 400 ①②							
2 3	220 mm	ECL03H1_2A ECL03H1_3A	ECL03H2_2A ECL03H2_3A	ECL03H4_2A ECL03H4_3A	ECL03H6_2A ECL03H6_3A	ECL03H8_2A ECL03H8_3A	CN35TN2_ CN35TN3_

① 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 UL ballast and resistive ratings only.

③ These are the Catalog Numbers for Type 4X 304-Grade Stainless Steel, as indicated by the seventh digit **4**. Example: ECL03B**4**A2A. To order Type 4X 316-Grade Stainless Steel, change that digit to **9**. To order Type 4 Painted Steel, change that digit to **3**. To order Nonmetallic, change that digit to **5**.

④ For open position (Coil Voltage), use the table below:

Suffix	Coil Voltage
A **B** **C**	120/60 or 110/50 240/60 or 220/50 480/60 or 440/50
D **E** **H**	600/60 or 550/50 208/60 277/60

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Cover Control ..... **Page 37-21**
Dimensions **PG03300001E**
Modifications **PG03300001E**
Discount Symbol **1CD-1C**