

C30CN Mechanically Held and Electrically Held

Dimensions

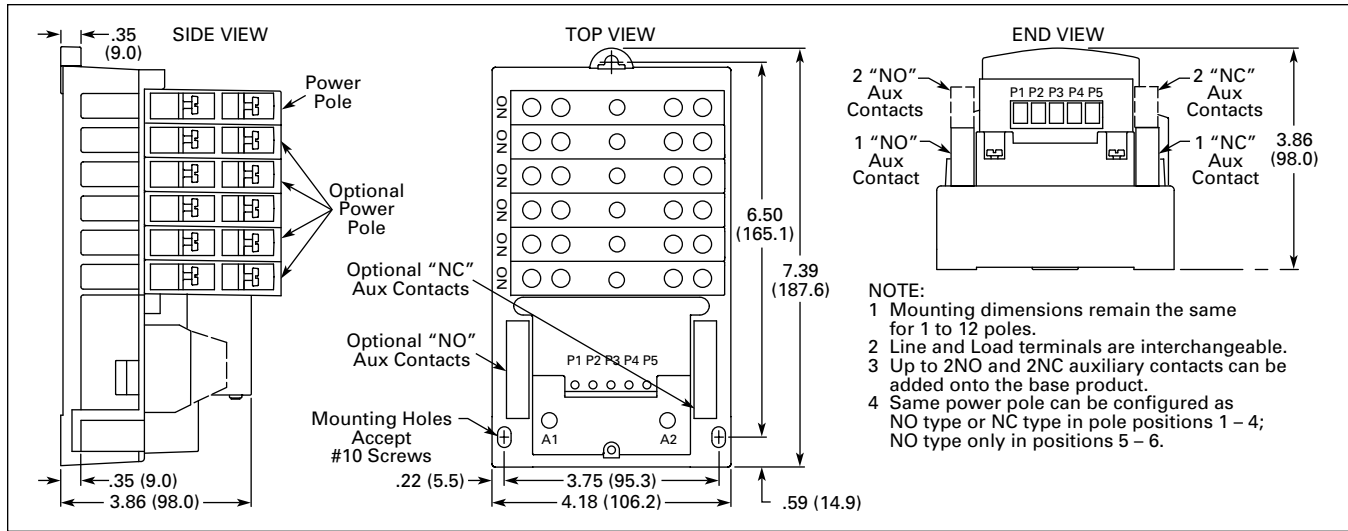
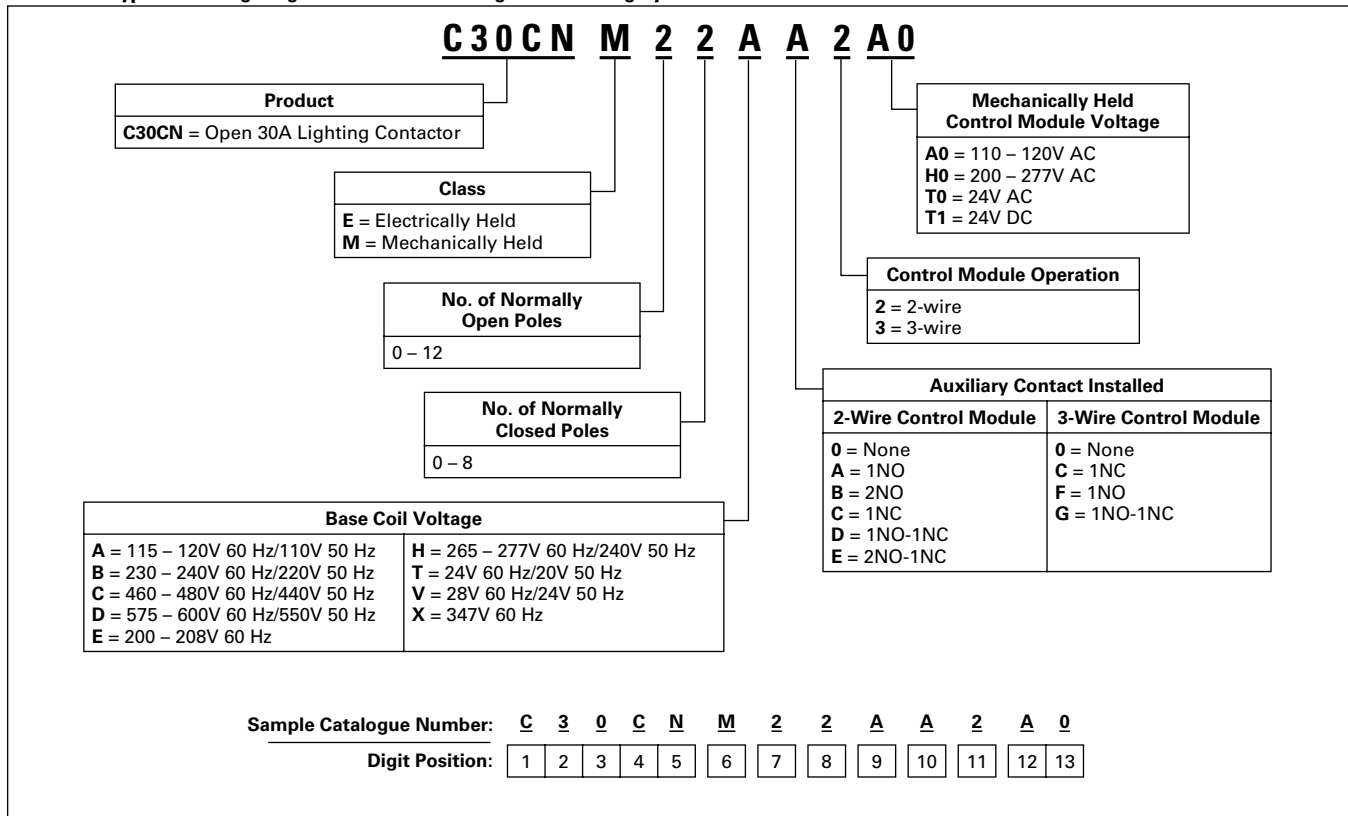


Figure E-7. Approximate Dimensions in Inches (mm)

Catalogue Number Selection

Table E-27. Type C30CN Lighting Contactors — Catalogue Numbering System



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**Product Selection**

**2-Wire Mechanically Held Lighting Contactors — Standard Assembled Forms**

The Standard Assembled Forms in **Table E-28** are 2-wire open mechanically held 30 amp lighting contactors with 120V 60 Hz/ 110V 50 Hz base coil voltage, 120V control module voltage, and no additional auxiliary contacts. To change the base coil voltage, auxiliary contact options or control module voltage, refer to **Tables E-29, E-30 and E-31** respectively.

**Table E-28. 2-Wire Mechanically Held Lighting Contactors — Standard Assembled Forms Product Selection**

No. of Poles	NO	NC	Catalogue Number ①②③	Price
2	0	2	C30CNM02A02A0	
	1	1	C30CNM11A02A0	
	2	0	C30CNM20A02A0	
3	0	3	C30CNM03A02A0	
	1	2	C30CNM12A02A0	
	2	1	C30CNM21A02A0	
	3	0	C30CNM30A02A0	
4	0	4	C30CNM04A02A0	
	1	3	C30CNM13A02A0	
	2	2	C30CNM22A02A0	
	3	1	C30CNM31A02A0	
	4	0	C30CNM40A02A0	
5	0	5	C30CNM05A02A0	
	1	4	C30CNM14A02A0	
	2	3	C30CNM23A02A0	
	3	2	C30CNM32A02A0	
	4	1	C30CNM41A02A0	
	5	0	C30CNM50A02A0	
6	0	6	C30CNM06A02A0	
	1	5	C30CNM15A02A0	
	2	4	C30CNM24A02A0	
	3	3	C30CNM33A02A0	
	4	2	C30CNM42A02A0	
	5	1	C30CNM51A02A0	
	6	0	C30CNM60A02A0	
7	0	7	C30CNM07A02A0	
	1	6	C30CNM16A02A0	
	2	5	C30CNM25A02A0	
	3	4	C30CNM34A02A0	
	4	3	C30CNM43A02A0	
	5	2	C30CNM52A02A0	
	6	1	C30CNM61A02A0	
	7	0	C30CNM70A02A0	
8	0	8	C30CNM08A02A0	
	1	7	C30CNM17A02A0	
	2	6	C30CNM26A02A0	
	3	5	C30CNM35A02A0	
	4	4	C30CNM44A02A0	
	5	3	C30CNM53A02A0	
	6	2	C30CNM62A02A0	
	7	1	C30CNM71A02A0	
	8	0	C30CNM80A02A0	
9	1	8	C30CNM18A02A0	
	2	7	C30CNM27A02A0	
	3	6	C30CNM36A02A0	
	4	5	C30CNM45A02A0	
	5	4	C30CNM54A02A0	
	6	3	C30CNM63A02A0	
	7	2	C30CNM72A02A0	
	8	1	C30CNM81A02A0	
	9	0	C30CNM90A02A0	
	10	2	8	
3		7	C30CNM37A02A0	
4		6	C30CNM46A02A0	
5		5	C30CNM55A02A0	
6		4	C30CNM64A02A0	
7		3	C30CNM73A02A0	
8		2	C30CNM82A02A0	
9		1	C30CNM91A02A0	
10		0	C30CNM100A02A0	

No. of Poles	NO	NC	Catalogue Number ①②③	Price		
11	3	8	C30CNM38A02A0			
	4	7	C30CNM47A02A0			
	5	6	C30CNM56A02A0			
	6	5	C30CNM65A02A0			
	7	4	C30CNM74A02A0			
	8	3	C30CNM83A02A0			
	9	2	C30CNM92A02A0			
	10	1	C30CNM101A02A0			
	11	0	C30CNM110A02A0			
	12	4	8		C30CNM48A02A0	
		6	6		C30CNM66A02A0	
8		4	C30CNM84A02A0			
10		2	C30CNM102A02A0			
12		0	C30CNM120A02A0			

- ① To change the base coil voltage, replace the content of Position 9 with the appropriate Code Suffix from **Table E-29**.
- ② To change auxiliary contact options, replace the content of Position 10 with the appropriate Code Suffix from **Table E-30**.
- ③ To change the control module voltage, replace the content of Positions 12-13 with the appropriate Code Suffix from **Table E-31**.

**Table E-29. Base Coil Voltage (Digit 9)**

Voltage	Code Suffix	Adder
115 – 120V 60 Hz/110V 50 Hz	A	
230 – 240V 60 Hz/220V 50 Hz	B	
460 – 480V 60 Hz/440V 50 Hz	C	
575 – 600V 60 Hz/550V 50 Hz	D	
200 – 208V 60 Hz	E	
265 – 277V 60 Hz/240V 50 Hz	H	
24V 60 Hz/20V 50 Hz	T	
28V 60 Hz/24V 50 Hz	V	
347V 60 Hz	X	

**Table E-30. Auxiliary Contact Installed (Digit 10)**

Control Module	Circuit	Code Suffix	Adder
2-wire	None	0	
	1NO	A	
	2NO	B	
	1NC	C	
	1NO-1NC	D	
	2NO-1NC	E	

**Table E-31. Control Module Voltage (Digit 12-13)**

Coil Module	Code Suffix	Adder
110 – 120V AC	A0	
200 – 277V AC	H0	
24V AC	T0	
12 – 24V DC	T1	

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3-Wire Mechanically Held Lighting Contactors — Standard Assembled Forms

The Standard Assembled Forms in Table E-32 are 3-wire open mechanically held 30 amp lighting contactors with 120V 60 Hz/ 110V 50 Hz base coil voltage, 120V control module voltage, and no additional auxiliary contacts. To change the base coil voltage, auxiliary contact options or control module voltage, refer to Tables E-33, E-34 and E-35 respectively.

Table E-32. 3-Wire Mechanically Held Lighting Contactors — Standard Assembled Forms Product Selection

No. of Poles	NO	NC	Catalogue Number ①②③	Price
2	0	2	C30CNM02A03A0	
	1	1	C30CNM11A03A0	
	2	0	C30CNM20A03A0	
3	0	3	C30CNM03A03A0	
	1	2	C30CNM12A03A0	
	2	1	C30CNM21A03A0	
	3	0	C30CNM30A03A0	
4	0	4	C30CNM04A03A0	
	1	3	C30CNM13A03A0	
	2	2	C30CNM22A03A0	
	3	1	C30CNM31A03A0	
5	0	5	C30CNM05A03A0	
	1	4	C30CNM14A03A0	
	2	3	C30CNM23A03A0	
	3	2	C30CNM32A03A0	
	4	1	C30CNM41A03A0	
6	0	6	C30CNM06A03A0	
	1	5	C30CNM15A03A0	
	2	4	C30CNM24A03A0	
	3	3	C30CNM33A03A0	
	4	2	C30CNM42A03A0	
	5	1	C30CNM51A03A0	
7	0	7	C30CNM07A03A0	
	1	6	C30CNM16A03A0	
	2	5	C30CNM25A03A0	
	3	4	C30CNM34A03A0	
	4	3	C30CNM43A03A0	
	5	2	C30CNM52A03A0	
	6	1	C30CNM61A03A0	
8	0	8	C30CNM08A03A0	
	1	7	C30CNM17A03A0	
	2	6	C30CNM26A03A0	
	3	5	C30CNM35A03A0	
	4	4	C30CNM44A03A0	
	5	3	C30CNM53A03A0	
	6	2	C30CNM62A03A0	
	7	1	C30CNM71A03A0	
9	1	8	C30CNM18A03A0	
	2	7	C30CNM27A03A0	
	3	6	C30CNM36A03A0	
	4	5	C30CNM45A03A0	
	5	4	C30CNM54A03A0	
	6	3	C30CNM63A03A0	
	7	2	C30CNM72A03A0	
	8	1	C30CNM81A03A0	
	9	0	C30CNM90A03A0	
10	2	8	C30CNM28A03A0	
	3	7	C30CNM37A03A0	
	4	6	C30CNM46A03A0	
	5	5	C30CNM55A03A0	
	6	4	C30CNM64A03A0	
	7	3	C30CNM73A03A0	
	8	2	C30CNM82A03A0	
	9	1	C30CNM91A03A0	
	10	0	C30CNM100A03A0	

No. of Poles	NO	NC	Catalogue Number ①②③	Price		
11	3	8	C30CNM38A03A0			
	4	7	C30CNM47A03A0			
	5	6	C30CNM56A03A0			
	6	5	C30CNM65A03A0			
	7	4	C30CNM74A03A0			
	8	3	C30CNM83A03A0			
	9	2	C30CNM92A03A0			
	10	1	C30CNM101A03A0			
	11	0	C30CNM110A03A0			
	12	4	8		C30CNM48A03A0	
		6	6		C30CNM66A03A0	
8		4	C30CNM84A03A0			
10		2	C30CNM102A03A0			
12		0	C30CNM120A03A0			

- ① To change the base coil voltage, replace the content of Position 9 with the appropriate Code Suffix from Table E-33.
- ② To change auxiliary contact options, replace the content of Position 10 with the appropriate Code Suffix from Table E-34.
- ③ To change the control module voltage, replace the content of Positions 12-13 with the appropriate Code Suffix from Table E-35.

Table E-33. Base Coil Voltage (Digit 9)

Voltage	Code Suffix	Adder
115 – 120V 60 Hz/110V 50 Hz	A	
230 – 240V 60 Hz/220V 50 Hz	B	
460 – 480V 60 Hz/440V 50 Hz	C	
575 – 600V 60 Hz/550V 50 Hz	D	
200 – 208V 60 Hz	E	
265 – 277V 60 Hz/240V 50 Hz	H	
24V 60 Hz/20V 50 Hz	T	
28V 60 Hz/24V 50 Hz	V	
347V 60 Hz	X	

Table E-34. Auxiliary Contact Installed (Digit 10)

Control Module	Circuit	Code Suffix	Adder
3-wire	None	0	
	1NC	C	
	1NO	F	
	1NO-1NC	G	

Table E-35. Control Module Voltage (Digit 12-13)

Coil Module	Code Suffix	Adder
110 – 120V AC	A0	
200 – 277V AC	H0	
24V AC	T0	
12 – 24V DC	T1	