SIEMENS

Product data sheet CLM1B02120



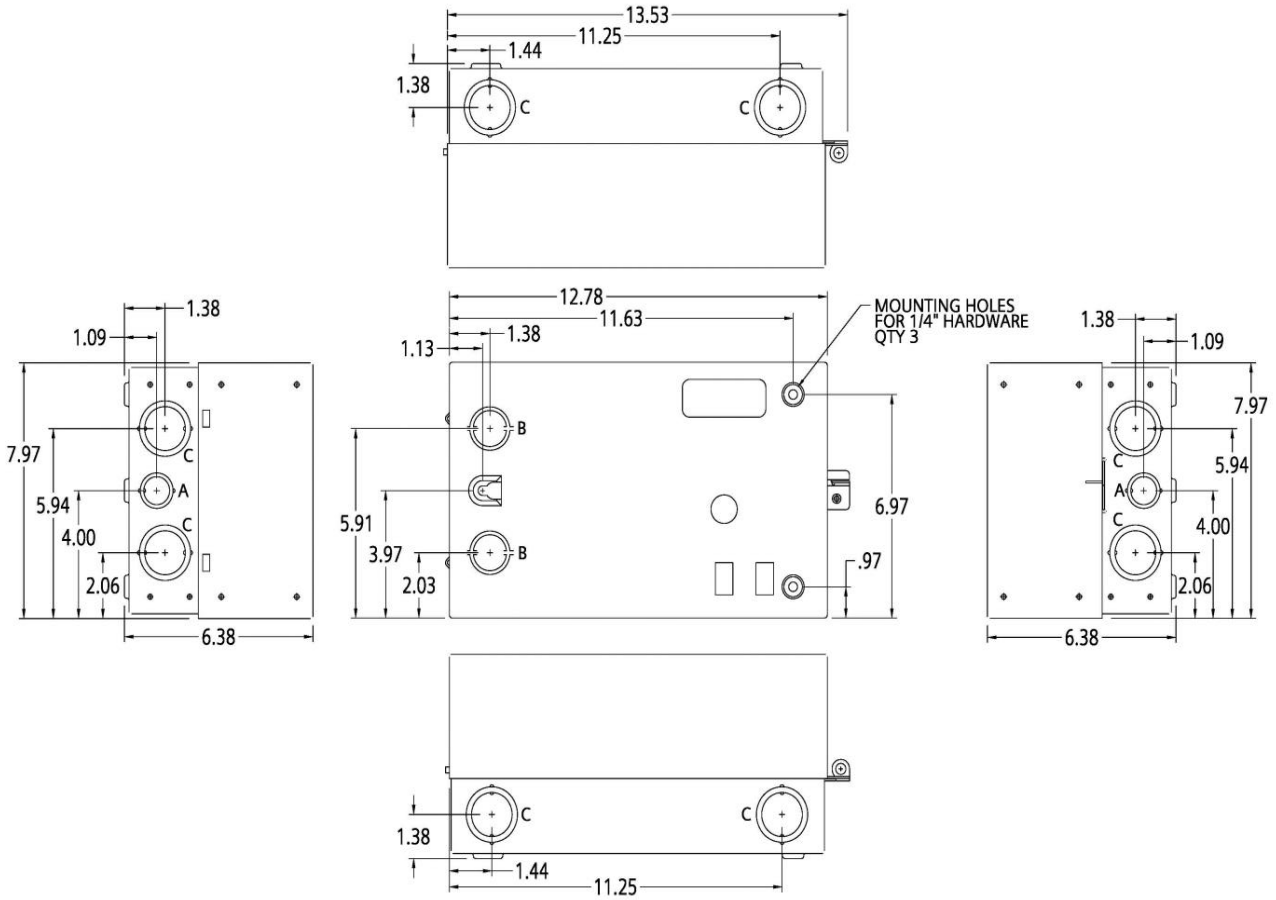
Image is representative and may not depict the actual product.

Mechanically held lighting contactor
20 Amp
2NO / 0NC Poles
Maximum voltage rating 600VAC
Control voltage 110-120VAC 50/60Hz
NEMA Type 1 enclosure

General technical data:	
Weight	8 lb
Height x Width x Depth	14 x 8 x 7 in.
Finger-safe (main circuit / control circuit)	NA / NA
Maximum altitude	6560 ft
Ambient storage temperature	(no data)
Ambient operating temperature	(no data)
Humidity (% non-condensing)	(no data)
Country of origin	USA
Contactor:	
Number of poles	2NO / 0NC
Mechanical operating cycles	(no data)
Current ratings:	
Tungsten (poles per phase)	20A @250V 1p 1ph 20A @250V 2p 1ph 20A @250V 3p 3ph
Ballast (poles per phase)	20A @347V 1p 1ph 20A @600V 2p 1ph 20A @600V 3p 3ph
General & resistive (poles per phase)	30A @347V 1p 1ph 30A @600V 2p 1ph 30A @ 600V 3p 3ph
Internal/standard auxiliary contact:	
Number of NC / NO auxiliary contacts	0NC / 0NO
Rating	NA
Optional auxiliary contact:	
Max number of NC / NO auxiliary contacts	2NC / 2NO
Rating	Form C (SPDT) 10A@277VAC
Coil:	
Voltage	110-120VAC 50/60Hz Coil
Sealed watts	(no data)
Inrush / sealed power	600 / 6 VA
Normal coil operating limits (% of rated voltage)	85% - 110%
Typical drop-out volts (% of rated voltage)	(no data)
Pick-up time / Drop-out time	(no data)
Disconnect type (none):	
Rating	NA
Fuse type accepted	NA

Enclosure:	
Type	NEMA Type 1 enclosure
Rating	Indoor general purpose use
Mounting/wiring:	
Mounting orientation	Vertical
Mounting type	Surface
Line side connection type / torque	Screw / 18 lb-in.
Line side solid & stranded conductors	2x(18 - 10 AWG) 60 or 75°C CU
Load side connection type / torque	Screw / 18 lb-in.
Load side solid & stranded conductors	2x(18 - 10 AWG) 60 or 75°C CU
Coil connection type / torque	Screw / 18 lb in.
Coil solid & stranded conductors	2 x (18 - 10 AWG) CU 60/75°C
Main auxiliary contact connection type / torque	NA
Main auxiliary contact solid & stranded conductors	NA
Short circuit current rating:	
Fuses	none
Thermal magnetic circuit breaker	5kA@600V (20A max CB)
Additional information:	
	Brochure

OUTLINE 14x8x7 (SIZE 2) NEMA 1



LETTER	KNOCKOUT & CONDUIT SIZE
A	7/8" X 1-1/8" DIA. FOR 1/2" & 3/4" CONDUIT
B	1-1/8" X 1-3/8" DIA. FOR 3/4" & 1" CONDUIT
C	1-3/8" X 1-23/32" DIA. FOR 1" & 1-1/4" CONDUIT

DIMENSIONS ARE IN INCHES.
FILE NAME: SFIS-D68870002-0211

Siemens Industry, Inc.
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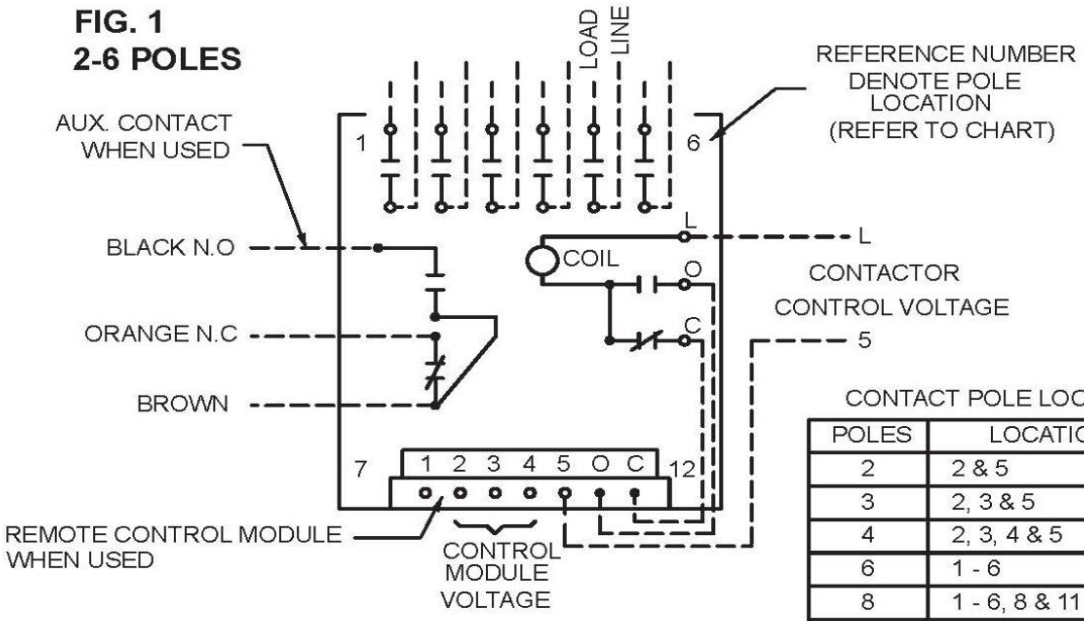
Subject to change without prior notice.

Wiring Diagrams 20 Amp

FIG. 1
2-6 POLES



CONTACT POLE LOCATION CHART

POLES	LOCATION
2	2 & 5
3	2, 3 & 5
4	2, 3, 4 & 5
6	1 - 6
8	1 - 6, 8 & 11
10	1 - 6, 8, 9, 10 & 11
12	1 - 12

FIG. 2
8-12 POLES

