



Electrically held lighting contactor
100 Amp
3NO / 0NC Poles
Maximum voltage rating 600VAC
Control voltage 110VAC 50HZ / 120VAC 60HZ
NEMA Type 1 enclosure

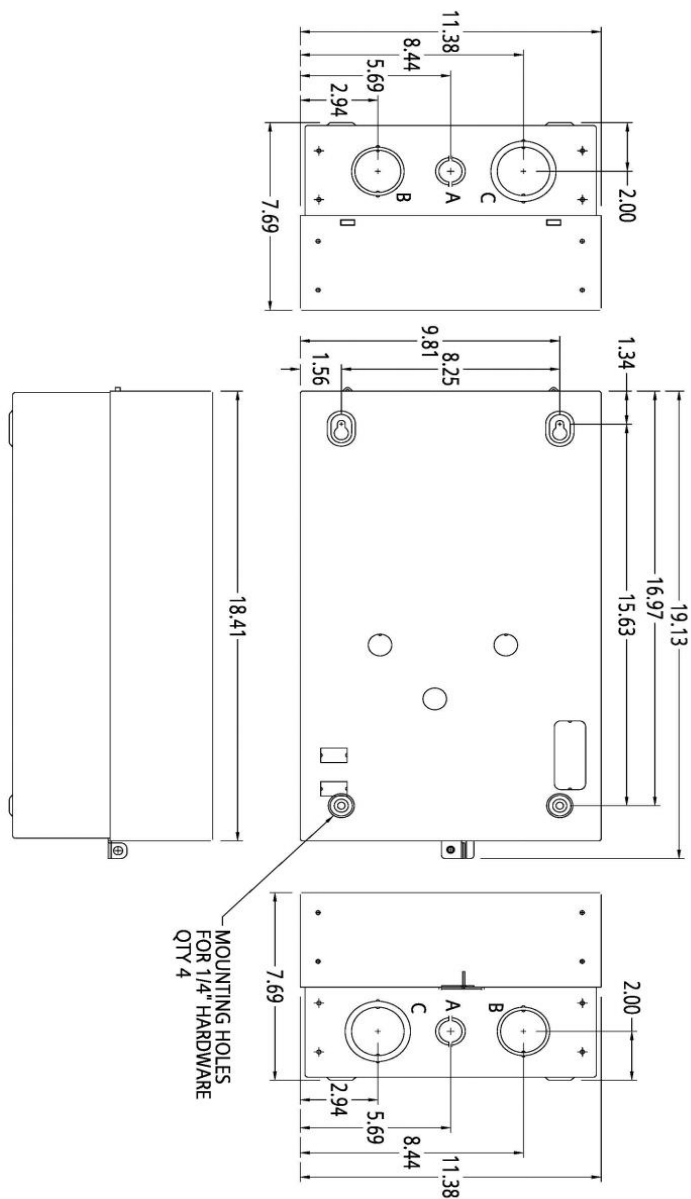


Image is representative and may not depict the actual product.

General technical data:	
Weight	23 lb
Height x Width x Depth	20 x 12 x 8 in.
Finger-safe (main circuit / control circuit)	NA / NA
Maximum altitude	6560 ft
Ambient storage temperature	(-55 to 80)°C / (-67 to 176)°F
Ambient operating temperature	(0 to 40)°C / (32 to 104)°F
Humidity (% non-condensing)	10 to 95
Country of origin	USA
Contactors:	
Number of poles	3NO / 0NC
Mechanical operating cycles	10,000,000
Current ratings:	
Tungsten (poles per phase)	100A @277V 1p 1ph 100A @480V 2p 1ph 100A @480V 3p 3ph
Ballast (poles per phase)	100A @600V 1p 1ph 100A @600V 2p 1ph 100A @600V 3p 3ph
General & resistive (poles per phase)	100A @600V 1p 1ph 100A @600V 2p 1ph 100A @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	4NC / 4NO
Rating	A300 / Q300
Coil:	
Voltage	110VAC 50HZ / 120VAC 60HZ Coil
Sealed watts	(no data)
Inrush / sealed power	300 / 21 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 / 36 - 53 lb-in
Line side solid & stranded conductors	2 x (10 - 1/0), 1 x (10 - 2/0) AWG 75°C CU
Load side connection type / torque	Screw / 36 - 53 lb-in
Load side solid & stranded conductors	2 x (10 - 1/0), 1 x (10 - 2/0) AWG 75°C CU
Coil connection type / torque	Screw / 7 - 10 lb in.
Coil solid & stranded conductors	2x(18-14) CU 75°C
Main auxiliary contact connection type / torque	NA
Main auxiliary contact solid & stranded conductors	NA
Short circuit current rating:	
Fuses	100kA@600V (Class J 125A max)
Thermal magnetic circuit breaker	24kA@240V; 65kA@480V; 25kA@600V (125A max CB)
Additional information:	
	Brochure

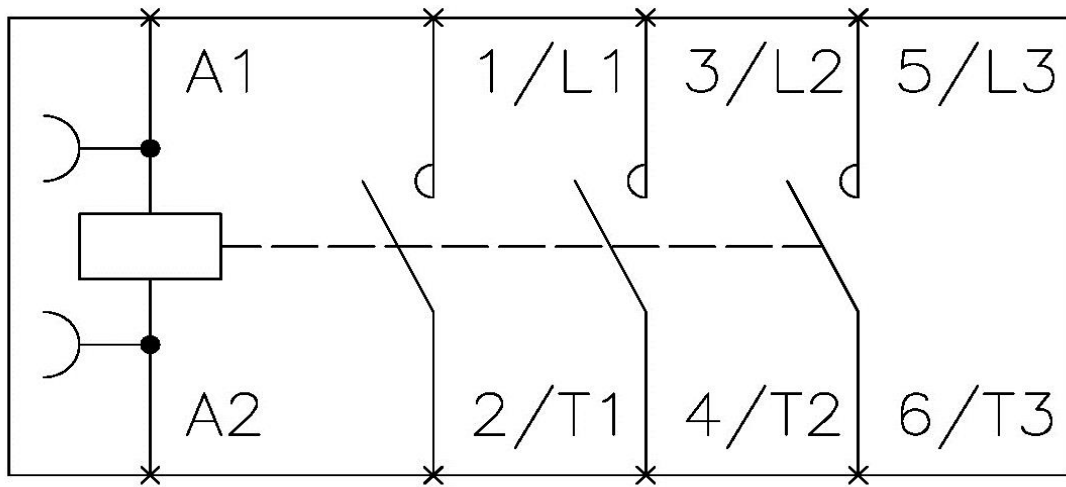
OUTLINE 20X12X8 (SIZE 3) NEMA 1



MOUNTING HOLES
FOR 1/4" HARDWARE
QTY 4

LETTER	KNOCKOUT & CONDUIT SIZE
A	7/8" X 1-1/8" DIA. FOR 1/2" & 3/4" CONDUIT
B	1-23/32" X 1-31/32" DIA. FOR 1-1/4" & 1-1/2" CONDUIT
C	1-31/32" X 2-15/32" DIA. FOR 1-1/2" & 2" CONDUIT

DIMENSIONS ARE IN INCHES.
FILE NAME: SFIS-D68870003-0211



LEN00D & E Wiring Diagram