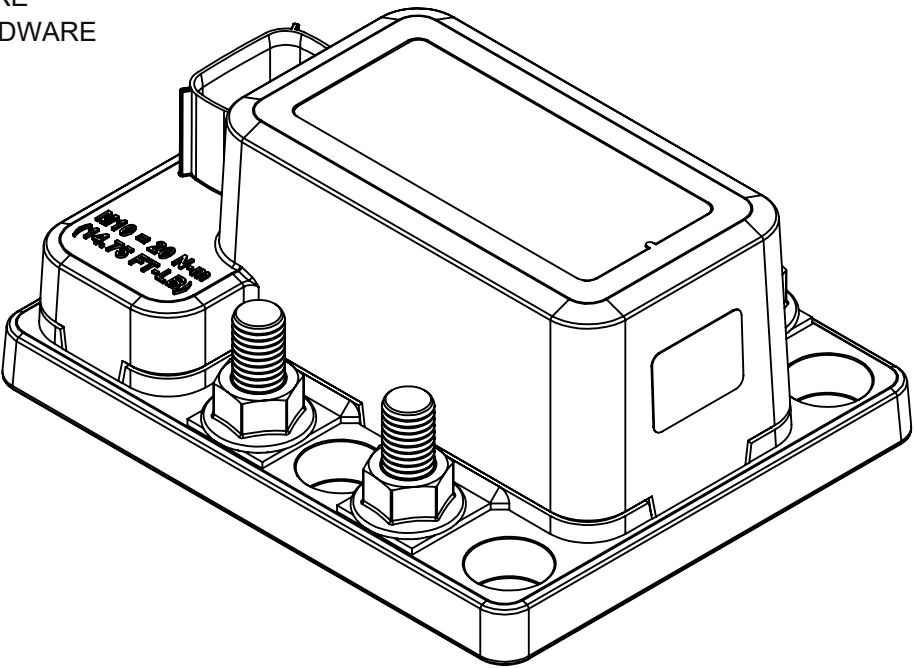
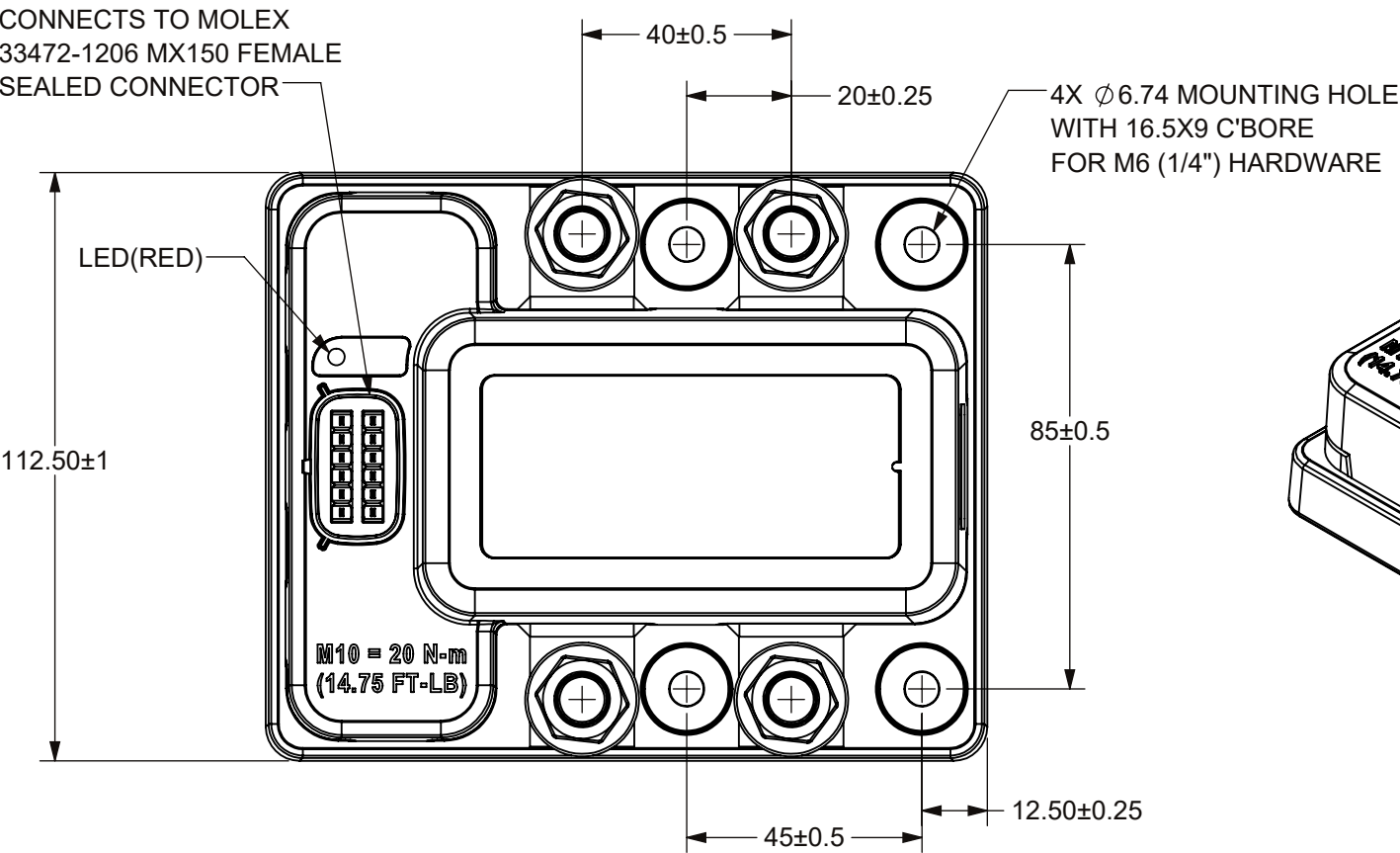
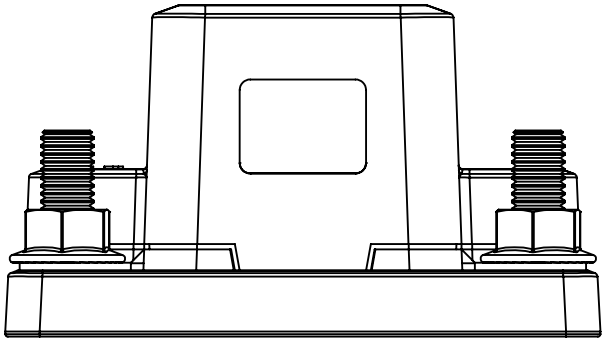
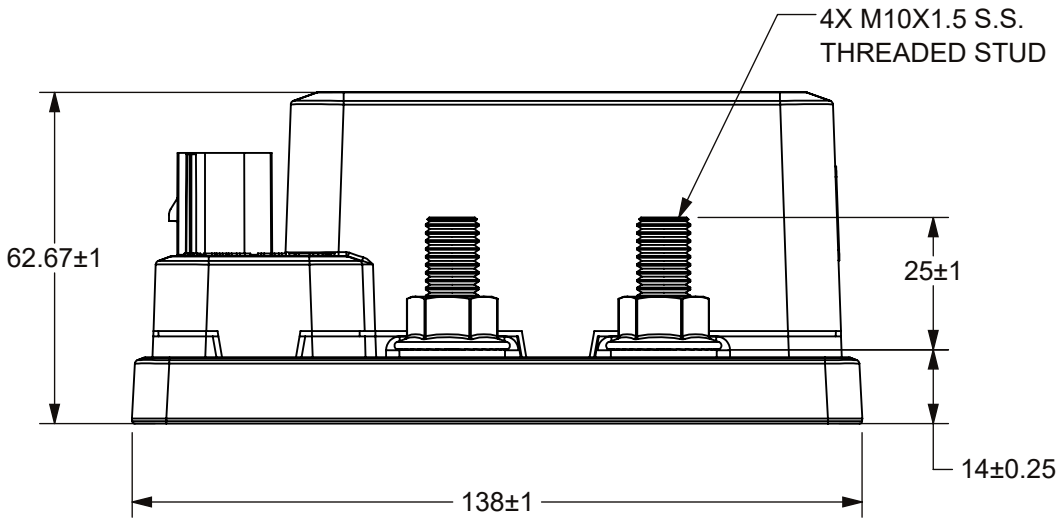


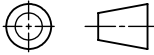
THIS DRAWING AND THE INFORMATION CONTAINED WITHIN IT ARE CONFIDENTIAL AND MAY NOT BE COPIED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF LITTELFUSE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	PCO #5300280. INITIAL RELEASE. DSILVA	6/13/2023	E.FLORES

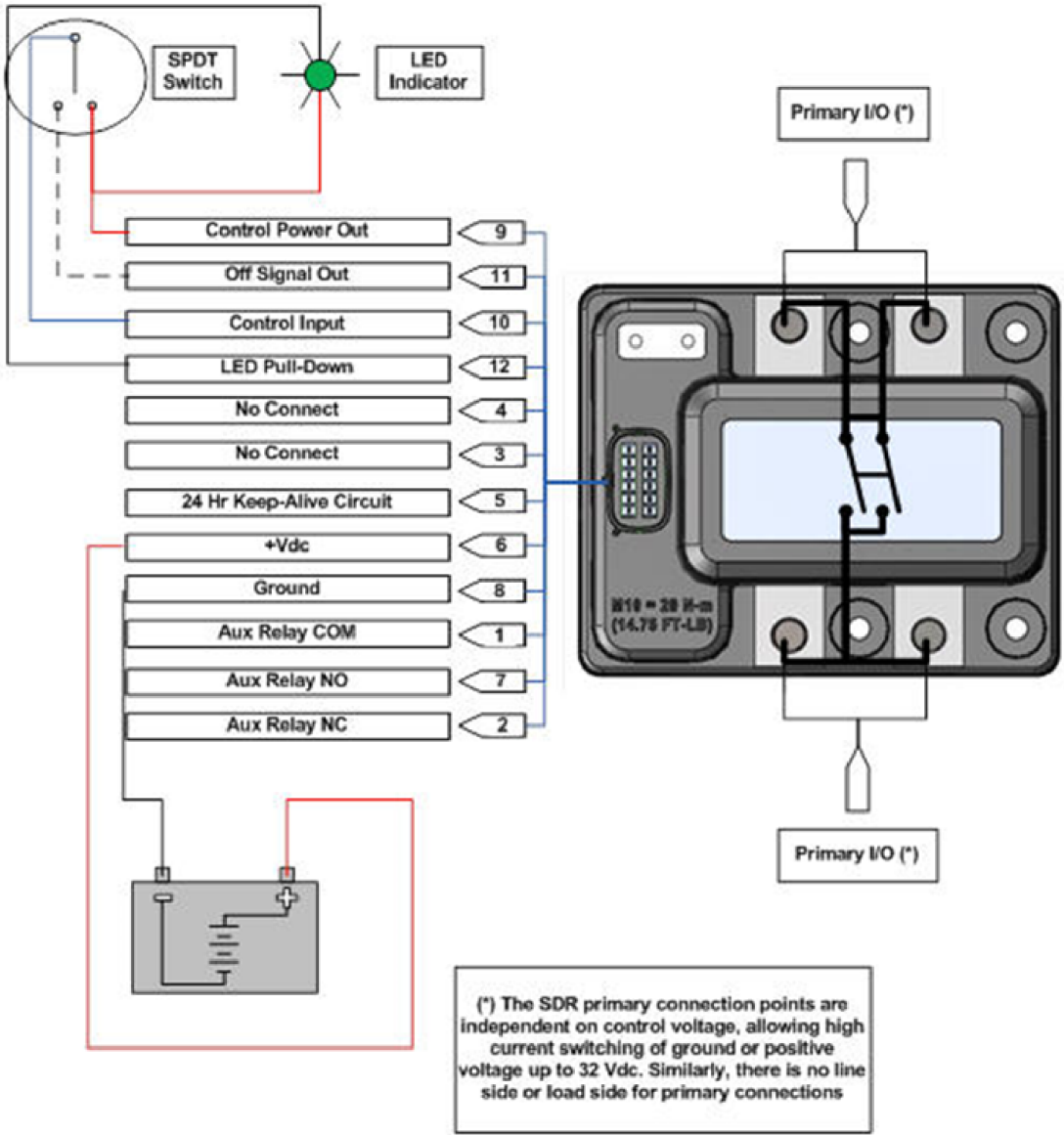


- 1.- INPUT VOLTAGE: 9-16V.
- 2.- MAX CONTINUOUS CURRENT: 600A.
- 3.- MAX INTERMITTENT CURRENT (30 SEC): 2,000 A.
- 4.- MAX INRUSH CURRENT (1 SEC): 3,000 A.
- 5.- MOUNTING HARDWARE: M6 OR 1/4"
- 6.- RECOMMENDED MOUNTING BOLT TORQUE: 20 N-m MAX.
- 7.- RECOMMENDED INPUT-OUTPUT STUD TORQUE: 20 N-m MAX
- 8.- PRIMARY CONTACT VOLTAGE: 9V-32V.
- 9.- DIMENSIONS ARE IN mm



DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.				
PER CHL-NPD20-0008 PROCEDURE		FIT/ FUNCTION CRITICAL CHARACTERISTICS		
	<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL		
	CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE		
		DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND TRACKINGTO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS		
	CP	DENOTES CP DIMENSIONS. -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE		
DRAWN		NAME	DATE	Littelfuse Expertise Applied Answers Delivered TITLE RELAY SDR-1 SINGLE POLE, 12V
CHECKED			-	
		-	-	
		-	-	
FORM NO: CVP-PE40-0003 REV B				
THIRD ANGLE PROJECTION				SIZE B
		DWG. NO.		
DO NOT SCALE DRAWING		OUTLINE		
SCALE 1:10			OL-880103	REV. A
SHEET 1 OF 2				

THIS DRAWING AND THE INFORMATION CONTAINED WITHIN IT ARE CONFIDENTIAL AND MAY NOT BE COPIED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF LITTELFUSE.



CONNECTOR PIN #	REFERENCE	DESCRIPTION	SDR-1
1	AUX_COM	AUXILIARY RELAY COMMON PIN.	O
2	AUX_NC	AUXILIARY RELAY NORMALLY CLOSED PIN.	O
3	PNB_LED	LOGIC INPUT LINE, PULLED TO GROUND TO ACTIVATE.	X
4	VSENSE3	VOLTAGE SENSE #3 FOR BATTERY COMBINER FUNCTIONALITY	X
5	VDC_AUX_OUT	+Vdc FUSE PROTECTED OUTPUT	O
6	VDC_INPUT	+Vdc FOR DEVICE POWER	R
7	AUX NO	AUXILIARY RELAY NORMALLY OPEN PIN	O
8	GND	GROUND FOR DEVICE POWER	R
9	SW_POWER	POWER OUTPUT TO CONTROL SWITCH AND LED INDICATOR	O
10	CNTRL_IN	REMOTE CONTROL INPUT	R
11	SW_LO	OFF REFERENCE SIGNAL FOR CONTROL SWITCH	R
12	LED1	EXTERNAL LED PULL-DOWN LINE (ACTIVE LOW)	O

R=REQUIRED CONNECTION
O=OPTIONAL CONNECTION
X=NO CONNECTION

DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.						
PER CH1-NPD20-0008 PROCEDURE		FIT/ FUNCTION CRITICAL CHARACTERISTICS				
	<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL				
	CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE				
		DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND TRACKINGTO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS				
	CP	DENOTES CP DIMENSIONS. -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE				
DRAWN	NAME	DATE	 Expertise Applied Answers Delivered TITLE RELAY SDR-1 SINGLE POLE, 12V			
CHECKED						
FORM NO: CVP-PE40-0003 REV B			SIZE B	DWG. NO. OUTLINE	OL-880103	REV. A
THIRD ANGLE PROJECTION						
			DO NOT SCALE DRAWING			
SCALE 1:1			SHEET 2 OF 2			