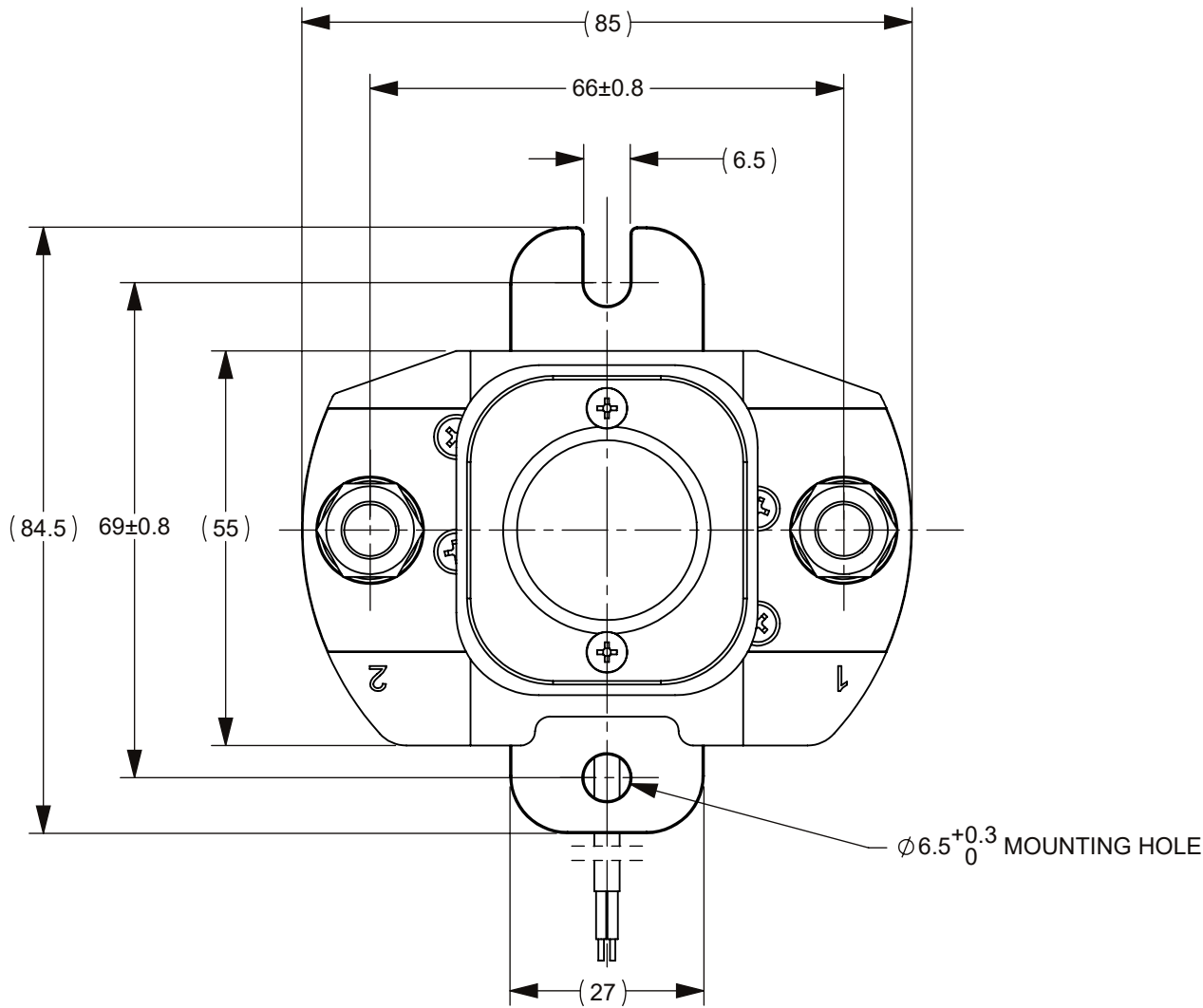
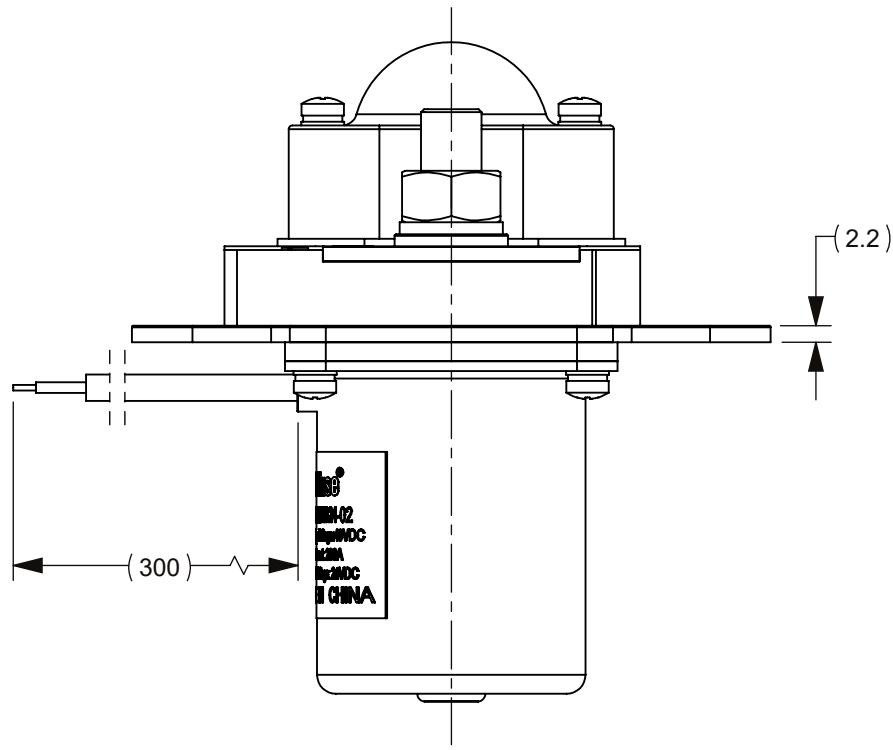
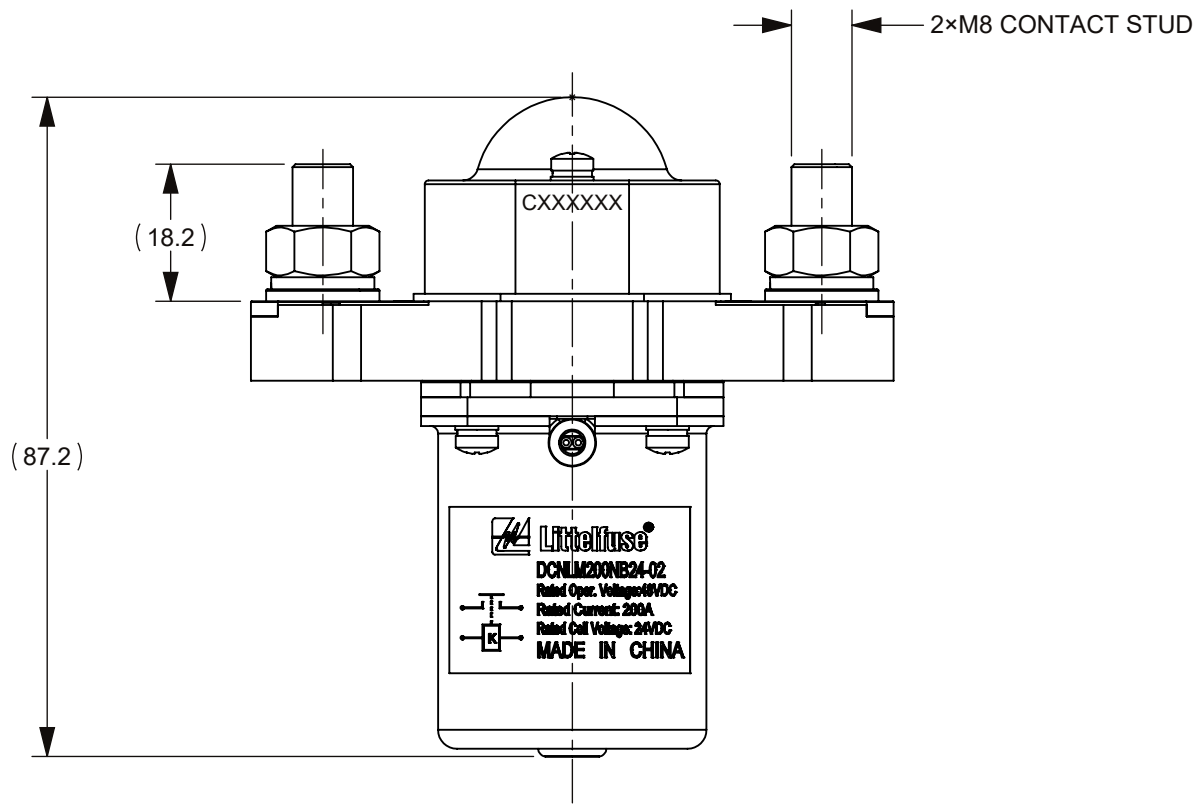
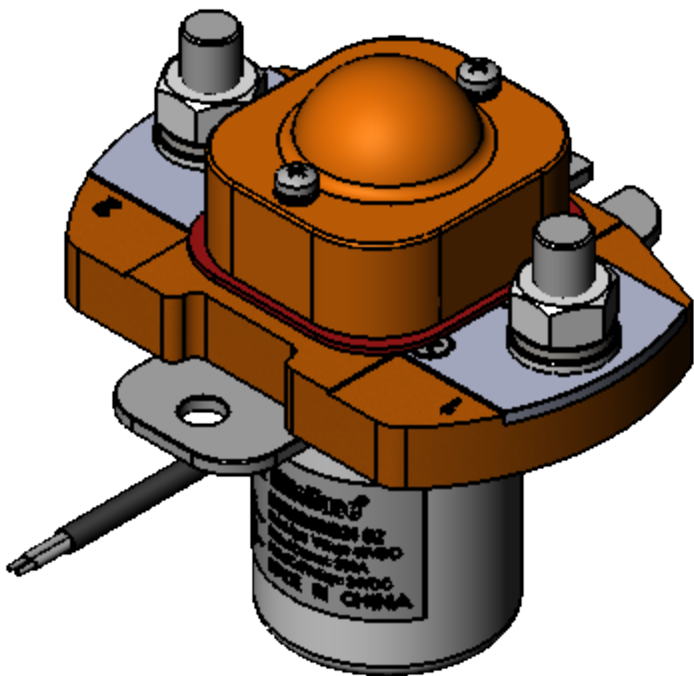
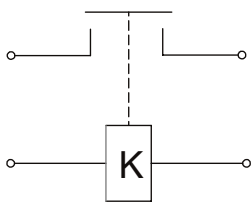


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	GCF#524592 INITIAL RELEASE	SEP./25/2021	D. ZHANG



CIRCUIT SCHEMATIC DIAGRAM



NOTES:

1. ALL SIZES ARE FOR REFERENCE ONLY.
2. MATERIALS AND FINISHING:
 - 2.1 BASE: THERMOSETTING PLASTIC, UL94V-0.
 - 2.2 CONTACTS: SILVER ALLOY.
3. PRODUCT TECHNICAL PARAMETERS: SEE TABLE 1.
4. CONTACT ARRANGEMENT: SPST-NO.
5. CONNECTION STUD: M8 STUD, RECOMMENDED TORQUE 9 N•m ~ 11 N•m.
6. MOUNTING: M6 BOLT, RECOMMENDED TORQUE 6 N•m ~ 8 N•m.

TABLE 1: TECHNICAL PARAMETERS																								
ITEM		PARAMETER																						
RATED COIL VOLTAGE		24V DC																						
HOLD POWER		MAX 10W																						
OPERATING VOLTAGE IN COLD STATE AT (20±5)°C		PICKUP: MAX 16.8V DC																						
		RELEASE: MIN 2V DC																						
OPERATE TIME		MAX 50ms																						
RELEASE TIME		MAX 20ms																						
BOUNCE TIME		MAX 7ms																						
RATED CONTACT VOLTAGE		48V DC																						
MAXIMUM CONTACT VOLTAGE		60V DC																						
RATED CONTACT CURRENT		200A																						
LIMIT BREAKING ABILITY		4le/5ms, 1CYCLES																						
CONTACT VOLTAGE DROP		≤50mV@100 A																						
DIELECTRIC STRENGTH		1000V AC, 50Hz, 1min., LEAKAGE CURRENT ≤1 mA																						
INSULATION RESISTANCE		≥50MΩ@500VDC																						
ELECTRIC LIFE		6000 CYCLES																						
MECHANICAL LIFE		100,000 CYCLES																						
WORKING DUTY		CONTINUOUS																						
DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.																								
PER CHNFPD20-008 PROCEDURE	●	FIT/ FUNCTION CRITICAL CHARACTERISTICS																						
	<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL																						
	CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE																						
	(ST)	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																						
<table><tr><td></td><td>NAME</td><td>DATE</td></tr><tr><td>DRAWN</td><td>MJ. DAI</td><td>SEP./25/2021</td></tr><tr><td>CHECKED</td><td>J. LI</td><td>SEP./30/2021</td></tr><tr><td></td><td>-</td><td>-</td></tr><tr><td></td><td>-</td><td>-</td></tr></table>			NAME	DATE	DRAWN	MJ. DAI	SEP./25/2021	CHECKED	J. LI	SEP./30/2021		-	-		-	-	 Littelfuse® Expertise Applied Answers Delivered TITLE DCNL 200A 48V CONTACTOR <table><tr><td>SIZE</td><td>DWG. NO.</td><td rowspan="2">OL-DCNL200NB24-02</td><td rowspan="2">REV. A</td></tr><tr><td>C</td><td>OUTLINE</td></tr></table>		SIZE	DWG. NO.	OL-DCNL200NB24-02	REV. A	C	OUTLINE
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