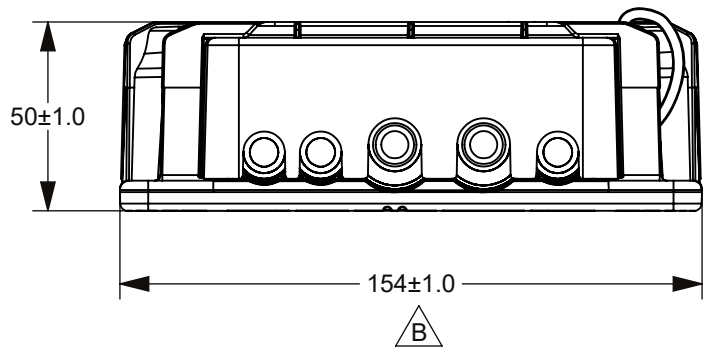
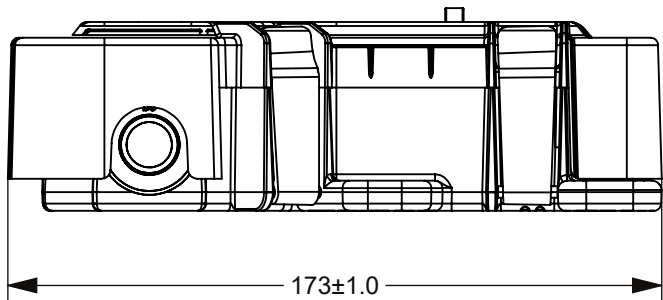
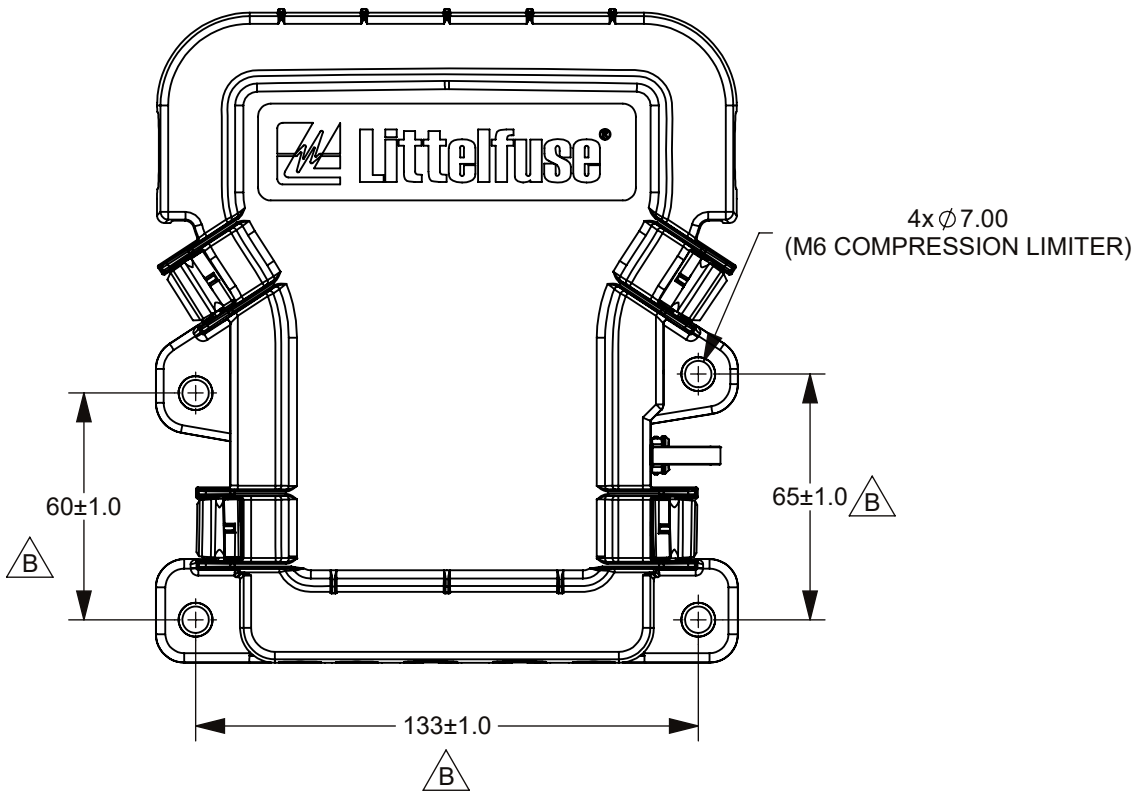


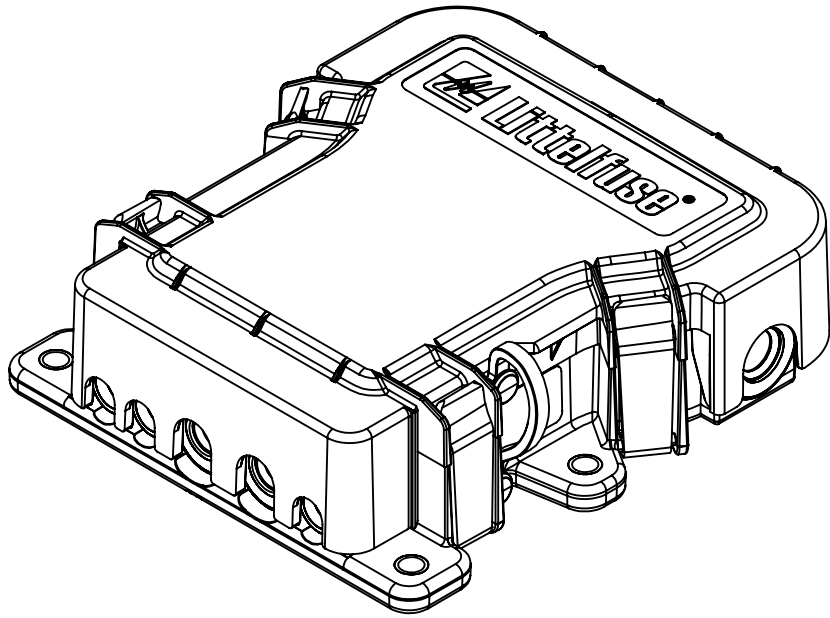
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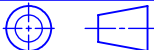
PDM NOTES:

- TORQUE REQUIREMENTS, UNLESS OTHERWISE SPECIFIED:
32V M5 STUDS: 4.5±1 N·m
32V M8 STUDS: 15±3 N·m
70V M6 STUDS: 9±1 N·m
70V M8 STUDS: 20±1 N·m
M6 VEHICLE MOUNTING: 9±1 N·m
- VENTING CUTS ON THE BASE SIDES CANNOT BE BLOCKED OTHERWISE FUNCTION WILL BE COMPROMISED



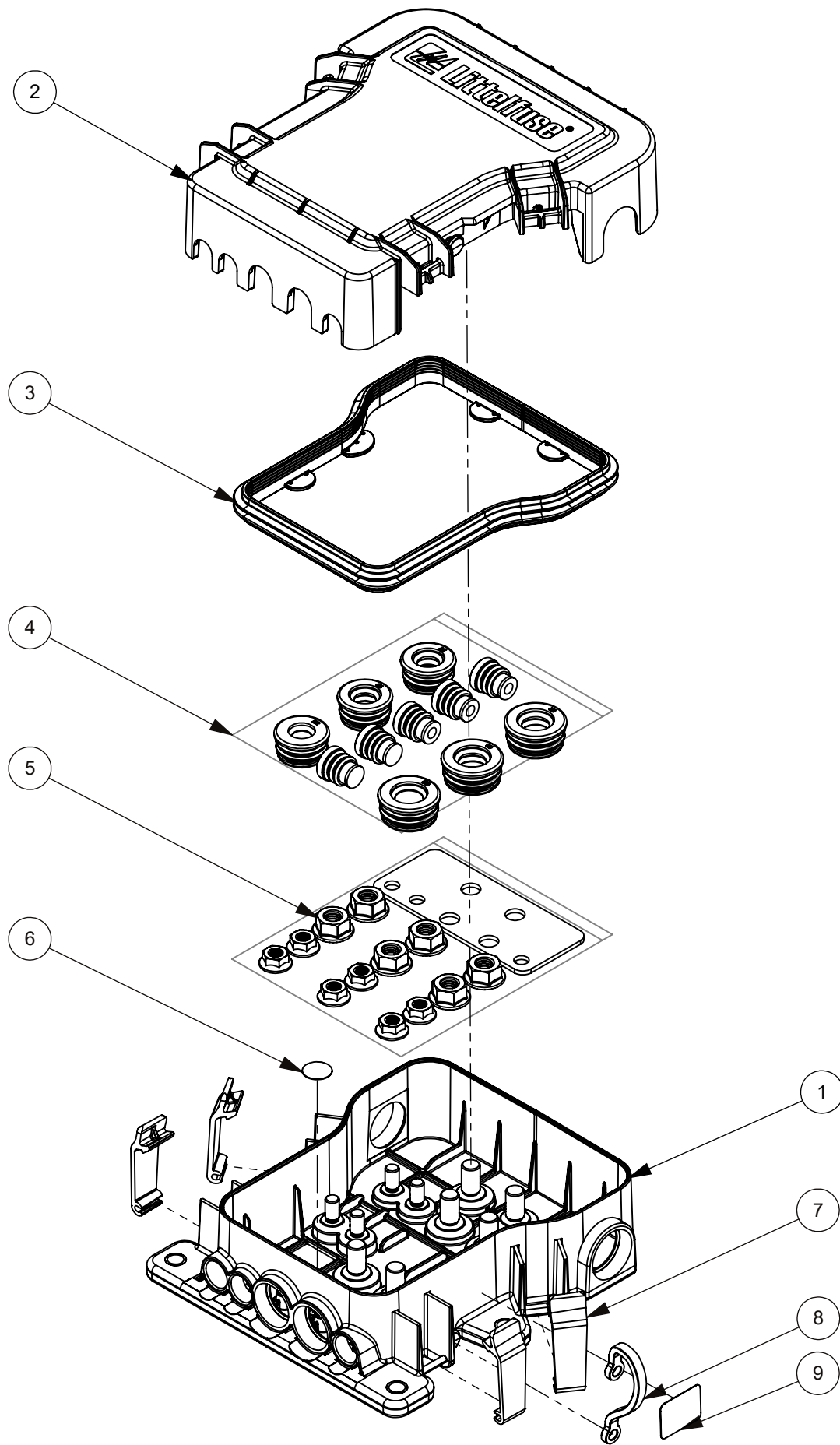
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE, GCF 520158	5/30/2018	
	B	ECO 522669 NEW BASE, COVER, AND COVER SEAL GEOMETRY NEW BASE AND COVER MATERIAL REMOVE ASSEMBLY STEPS UPDATE 07985002ZXS & 07985004ZXS DESCRIPTION TO INCLUDE 70V ADD CABLE SIZE SPEC	6/24/2020	L.VOGL
	C	ECO 523037 REMOVE IP RATING, OPERATING TEMPERATURE, MAX CONTINUOUS CURRENT, AND MAX VOLTAGE FROM THE NOTES	10/28/2020	L.VOGL
	D	ECO 523331 ADD LABEL TO BOM	1/25/2021	L.VOGL



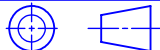
INTERPRET DRAWING TO ANSI/ASME Y14.5-1994.				
	FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL			
<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL			
CPK	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE			
	DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND 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			
DIMENSION; MM TOLERANCES UNLESS OTHERWISE SPECIFIED ONE PLACE DECIMAL ± 0.5 THREE PLACES DECIMAL ± 0.100 TWO PLACES DECIMAL ± 0.20 ANGULAR ± 2°				
	NAME	DATE	 Littelfuse® Expertise Applied Answers Delivered	
DRAWN	L.VOGL	5/30/2018		
CHECKED	-	-		
	-	-		
FORM NO: CVP-PE40-0004 REV A			TITLE MDB5 WAY POWER DISTRIBUTION MODULE	
THIRD ANGLE PROJECTION				
			SIZE B DWG. NO. OL-07985000ZXS, CHART REV. D	
DO NOT SCALE DRAWING			SCALE 1:2 SHEET 1 OF 3	

ASSEMBLY PART NUMBERS		
VOLTAGE RATING	32V	70V
BULK (FUSE HOLDER ONLY)	07985001ZXS	07985002ZXS
AFTERMARKET (CABLE SEAL KIT AND FUSE HOLDER)	07985003ZXS	07985004ZXS

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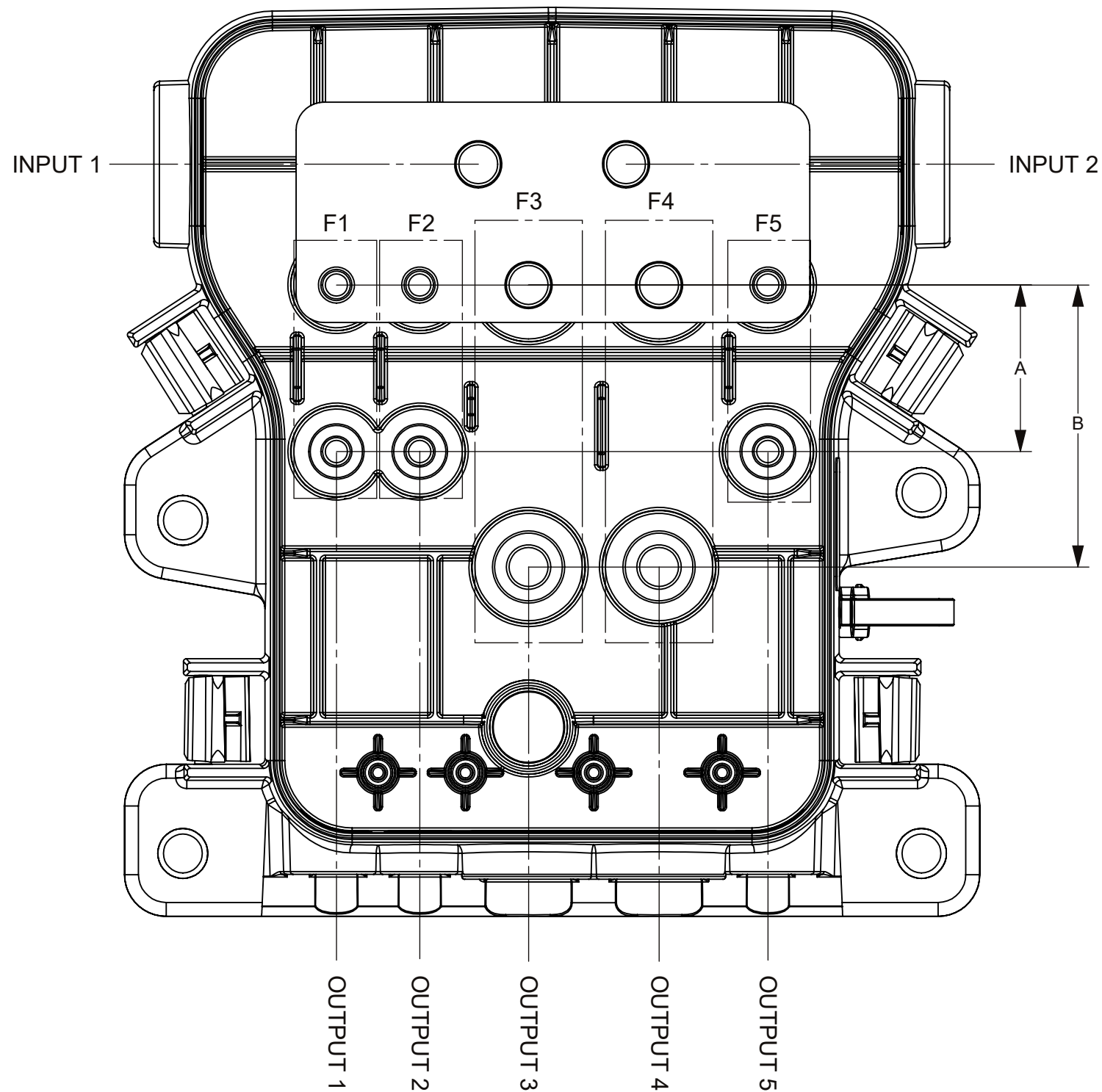


ITEM NO.	DESCRIPTION	MATERIAL	QTY. 07985001ZXS 32V BULK	QTY. 07985002ZXS 70V BULK 	QTY. 07985003ZXS 32V AFTERMARKET	QTY. 0798004ZXS 70V AFTERMARKET
1	MDB5 32V BASE	PA66 GF30	1	-	1	-
	MDB5 70V BASE	PA66 GF30	-	1	-	1
2	MDB5 COVER	PA66 GF30	1	1	1	1
3	MDB5 COVER SEAL	SILICONE RUBBER	1	1	1	1
4	MDB5 SEAL KIT	SILICONE RUBBER	0	0	1	1
5	MDB5 32V HARDWARE KIT	STAINLESS STEEL	1	0	1	0
	MDB5 70V HARDWARE KIT	STAINLESS STEEL	0	1	0	1
6	GORE VENT	PTFE	1	1	1	1
7	LATCH, BIG GRIP	POM	4	4	4	4
8	TETHER-PDM	SILICONE	1	1	1	1
9	LABEL THERMAL 0.94" X 0.7" METALLIC	POLYESTER	1	1	1	1

INTERPRET DRAWING TO ANSI/ASME Y14.5-1994.					
	FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL				
<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL				
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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				
DIMENSION: MM TOLERANCES UNLESS OTHERWISE SPECIFIED ONE PLACE DECIMAL ± 0.5 THREE PLACES DECIMAL ± 0.100 TWO PLACES DECIMAL ± 0.20 ANGULAR ± 2°					
	NAME	DATE	 Littelfuse® Expertise Applied Answers Delivered		
DRAWN	L.VOGL	5/28/2018			
CHECKED	-	-			
	-	-			
	-	-	TITLE MDB5 WAY POWER DISTRIBUTION MODULE		
FORM NO: CVP-PE40-0004 REV A					
THIRD ANGLE PROJECTION					
			SIZE B	DWG. NO. OL-07985000ZXS, CHART	REV. D
DO NOT SCALE DRAWING			SCALE 1:2		SHEET 2 OF 3

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CABLE SEAL KIT, 890010830, ONLY INCLUDED IN 079085003ZXS AND 07985004ZXS ASSEMBLIES



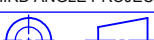
CABLE SEAL OPTIONS FOR OPENINGS				
LOCATION	PART NAME	PART NUMBER	CABLE SIZE (ISO6722) 	QTY IN CABLE SEAL KIT (89010830)
INPUT CABLE SEAL	#50 CABLE SEALS	868-958	50mm ²	2
INPUT 1, INPUT 2	BLANK 26.5 OD CABLE SEAL	901-532	NONE	1
LARGE OUTPUT CABLE SEAL OUTPUT 3, OUTPUT 4	#16/2 CABLE SEAL	868-955	16mm ²	0
	#25 CABLE SEALS	868-956	25mm ²	0
	#35 CABLE SEALS	868-957	35mm ²	2
	BLANK_2 SEALS	868-954	NONE	1
SMALL OUTPUT CABLE SEAL OUTPUT 1, OUTPUT 2, OUTPUT 5	CABLE SEAL 10-16mm ²	0HBFA001SEALB	10-16m ²	3
	CABLE SEAL 6-10mm ²	0HBFA001SEALY	6-10mm ²	0
	CABLE SEAL BLIND	0HBFA001SEALC	NONE	2

FUSE LOCATIONS		
LOCATION	APPLICABLE FUSE 32V	APPLICABLE FUSE 70V
F1	MIDI FUSE (ISO8820 SF30)	MIDI FUSE (ISO20934 SF36-70V)
F2	MIDI FUSE (ISO8820 SF30)	MIDI FUSE (ISO20934 SF36-70V)
F3	MEGA FUSE (ISO8820 SF51)	MEGA FUSE (ISO20934 SF56-70V)
F4	MEGA FUSE (ISO8820 SF51)	MEGA FUSE (ISO20934 SF56-70V)
F5	MIDI FUSE (ISO8820 SF30)	MIDI FUSE (ISO20934 SF36-70V)

	32V	70V 
ASSEMBLY	07985001ZXS 07985003ZXS	07985002ZXS 07985004ZXS
DIM A	30mm	36mm
DIM B	50.8mm	56mm

INTERPRET DRAWING TO ANSI/ASME Y14.5-1994.	
	FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL
<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL
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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

DIMENSION; MM TOLERANCES UNLESS OTHERWISE SPECIFIED
ONE PLACE DECIMAL ± 0.5 THREE PLACES DECIMAL ± 0.100
TWO PLACES DECIMAL ± 0.20 ANGULAR $\pm 2^\circ$

	NAME	DATE	 Littelfuse® Expertise Applied Answers Delivered					
DRAWN	L.VOGL	5/30/2018						
CHECKED	-	-						
	-	-						
	-	-						
FORM NO: CVP-PE40-0004 REV A			TITLE MDB5 WAY POWER DISTRIBUTION MODULE					
THIRD ANGLE PROJECTION								
			<table border="1"> <tr> <td>SIZE B</td><td>DWG. NO. OL-07985000ZXS, CHART</td><td>REV. D</td></tr> </table>			SIZE B	DWG. NO. OL-07985000ZXS, CHART	REV. D
SIZE B	DWG. NO. OL-07985000ZXS, CHART	REV. D						
DO NOT SCALE DRAWING			SCALE 1:1 SHEET 3 OF 3					