

100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

ECS-5119-60 A
CIRCUITS-30 A
CIRCUITS-15 A
CIRCUITS

APPLICATION NOTES:

1. AA IS THE NUMBER OF 15 A THERMOMAGNETIC TRIP BRANCH CIRCUITS.
2. BB IS THE NUMBER OF 30 A THERMOMAGNETIC TRIP BRANCH CIRCUITS.
2. CC IS THE NUMBER OF 60 A THERMOMAGNETIC TRIP BRANCH CIRCUITS.
3. THE FOLLOWING RULES FOR BRANCH CIRCUITS MUST BE OBSERVED:
 $(AA + BB + (1.25 \times CC) \leq 15)$
4. EXAMPLE PART NUMBER: ECS-5119-02-10-00 (THIS ECS WOULD CONTAIN (2) 60 A BRANCH CIRCUIT BREAKERS AND (10) 30 A BRANCH CIRCUIT BREAKERS).

DRAWING PACKAGE REVISION LEVEL: REL

LAST PART SELECTED WITH : GM_ePartsDB_202203

REFERENCE USED:		ENG. MGR:	
		NONE REQUIRED	
SYSTEM/TOOL NO:	RELEASE DATE:	REVISION LETTER:	SECTION LETTER:
	2022-04-27		
DRAWING NUMBER:	DATE:		
ECS-5119-CC-BB-AA			

SHEET NUMBER: 1 OF 3

SAVE DATE: 2022-04-13 EPLAN VERSION: 2.7.3

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

STATUS: RELEASED



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL

(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: TITLE AND REFERENCE SHEET

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

SECTION	REV	SHEET	DESCRIPTION
A	REFERENCE	1	TITLE AND REFERENCE SHEET
		2	TABLE OF CONTENTS
		3	REVISION SUMMARY SHEET
C	INTERCONNECT	1	INTERCONNECT
E	MAGNETICS	1	380 - 500 VAC POWER DISTRIBUTION
		2	380 - 500 VAC POWER DISTRIBUTION
		3	380 - 500 VAC POWER DISTRIBUTION
X	ENCLOSURE	1	ENCLOSURE LAYOUT - FRONT
		2	ENCLOSURE LAYOUT - SIDE
		3	ENCLOSURE LAYOUT - TOP AND INSIDE BOTTOM
		4	TAG DETAILS
		5	TAG DETAILS
		6	SUBPLATE DETAIL
		7	SUBPLATE LAYOUT
		8	ENCLOSURE FOOTPRINT
YA	BILL OF MATERIAL	1	BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (BASE BOM)
		2	ECS-5119-CC-BB-AA-BOM (BASE BOM)
YB	VARIABLE BOM	1	BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (AA OPTION)
		2	ECS-5119-CC-BB-AA-BOM (AA OPTION)
YC	VARIABLE BOM	1	BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (BB OPTION)
		2	ECS-5119-CC-BB-AA-BOM (BB OPTION)
YD	VARIABLE BOM	1	BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (CC OPTION)
		2	ECS-5119-CC-BB-AA-BOM (CC OPTION)
YZ	DEVICE LIST	1	DEVICE LIST
		2	DEVICE LIST
		3	DEVICE LIST
		4	DEVICE LIST

SECTION	REV	SHEET	DESCRIPTION
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REV	SHEET AFFECTED	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

REV	SHEET AFFECTED	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

CHANGE CODE	
PR	PRODUCT CHANGE
R	PLANT REQUEST
MP	MECHANICAL PROCESS CHANGE
CP	CONTROL PROCESS CHANGE
M	MECHANICAL DESIGN CHANGE
C	CONTROL DESIGN CHANGE
F	FLOOR AND BUILD CHANGE



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: REVISION SUMMARY SHEET

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

DRAWING NUMBER:
ECS-5119-CC-BB-AA

REVISION
LETTER:

DATE:

SECTION
LETTER:

SHEET
NUMBER:

A 3 OF 3

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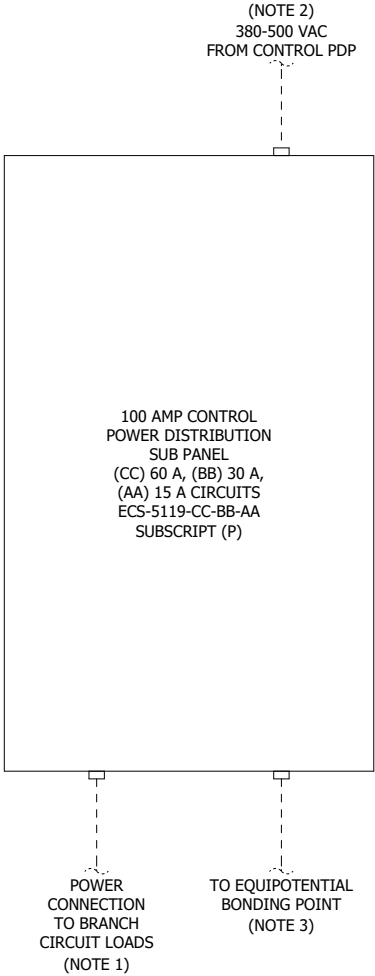
STATUS: RELEASED


PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

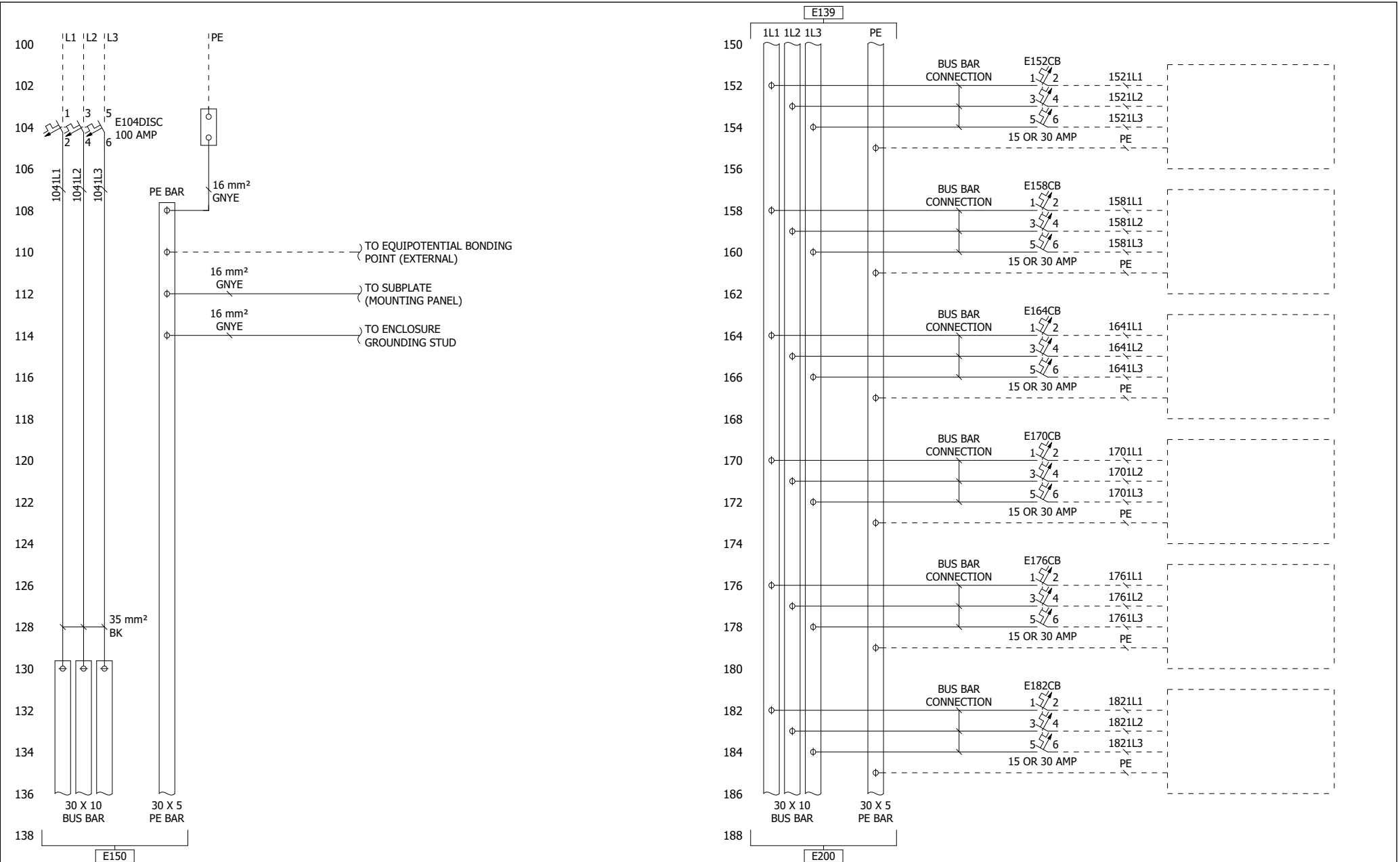
SAVE DATE: 2022-04-13

EPLAN VERSION: 2.7.3

- NOTES:
1. THIS ENCLOSURE SUPPORTS UP TO (12) 60 A OR (15) 30 OR 15 A BRANCH CIRCUITS.
 2. USE ONLY WIRE SIZE AND STRAND CLASS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REMOVE INSULATION FROM WIRE AND TORQUE TERMINALS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 3. EQUIPOTENTIAL BONDING CONNECTION REQUIRED. REFERENCE APPLICATION WD.



	GM - STANDARD	GM ENGINEER:	DESIGN SOURCE:	DESIGN LEADER:	PROGRAMS:	PACKAGE DESCRIPTION:	100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS	SYSTEM/TOOL NO:	RELEASE DATE:	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:			
		HARDWARE TEAM		GREG DOPPKE		SHEET DESCRIPTION:	INTERCONNECT	DRAWING NUMBER:	2022-04-27	DATE:	C	1 OF 1			
		THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.				ECS-5119-CC-BB-AA									
STATUS: RELEASED		PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)										SAVE DATE: 2022-04-13		EPLAN VERSION: 2.7,3	



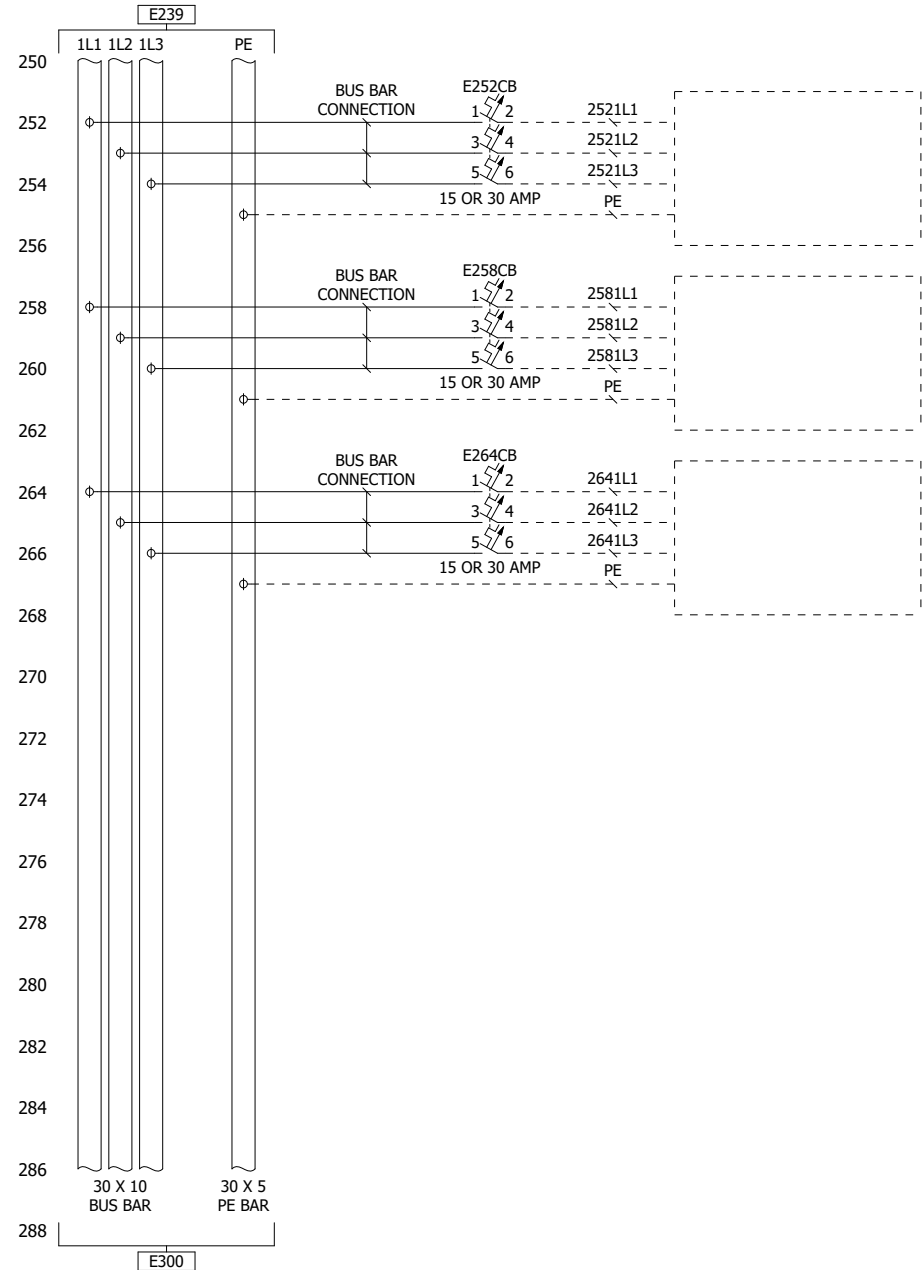
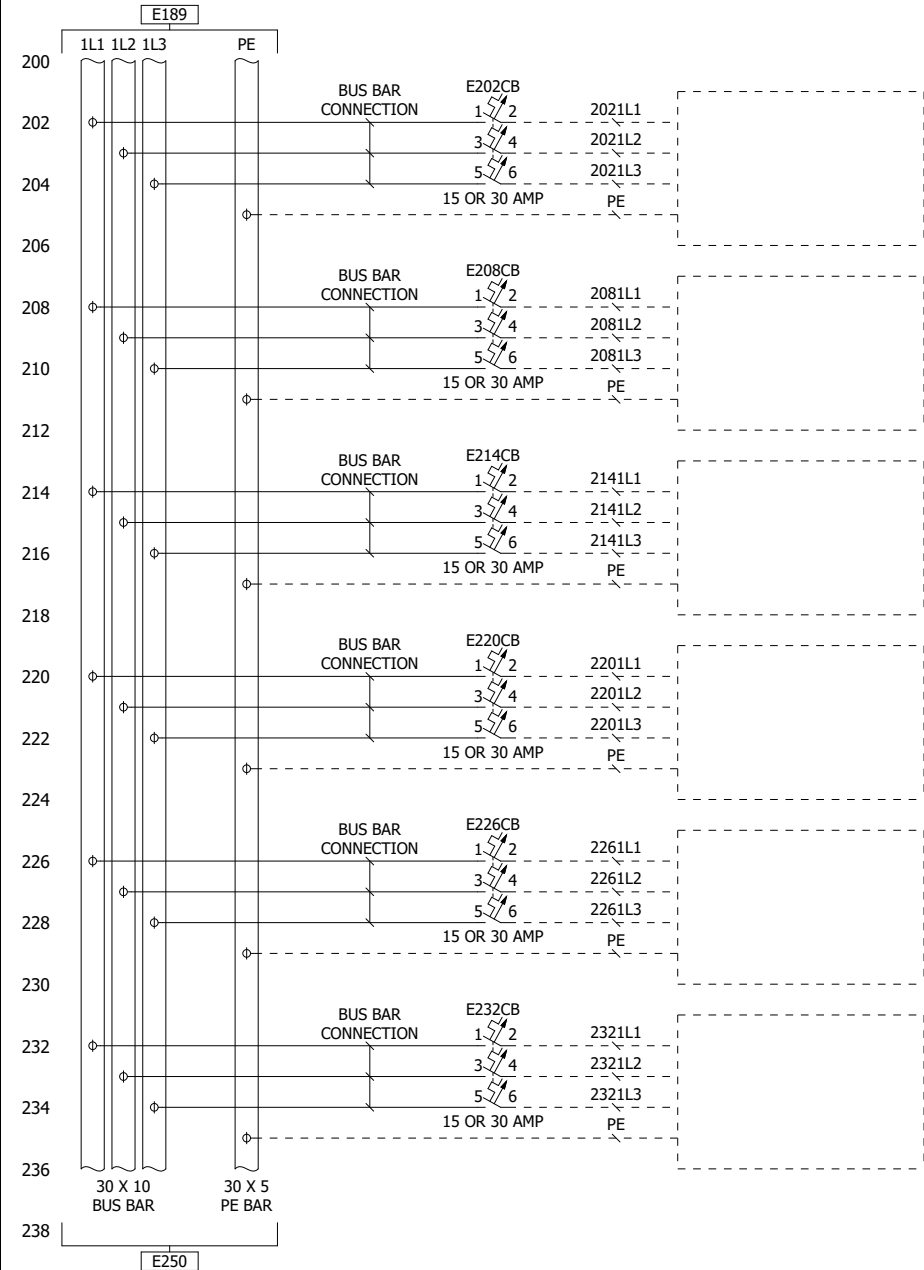
	GM - STANDARD	GM ENGINEER: HARDWARE TEAM	DESIGN SOURCE:	DESIGN LEADER: GREG DOPPKE	PROGRAMS:	PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL	SYSTEM/TOOL NO:	RELEASE DATE: 2022-04-27	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:
						(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS	DRAWING NUMBER:		DATE:	E	1 OF 3
						380 - 500 VAC POWER DISTRIBUTION	ECS-5119-CC-BB-AA				


STATUS: RELEASED

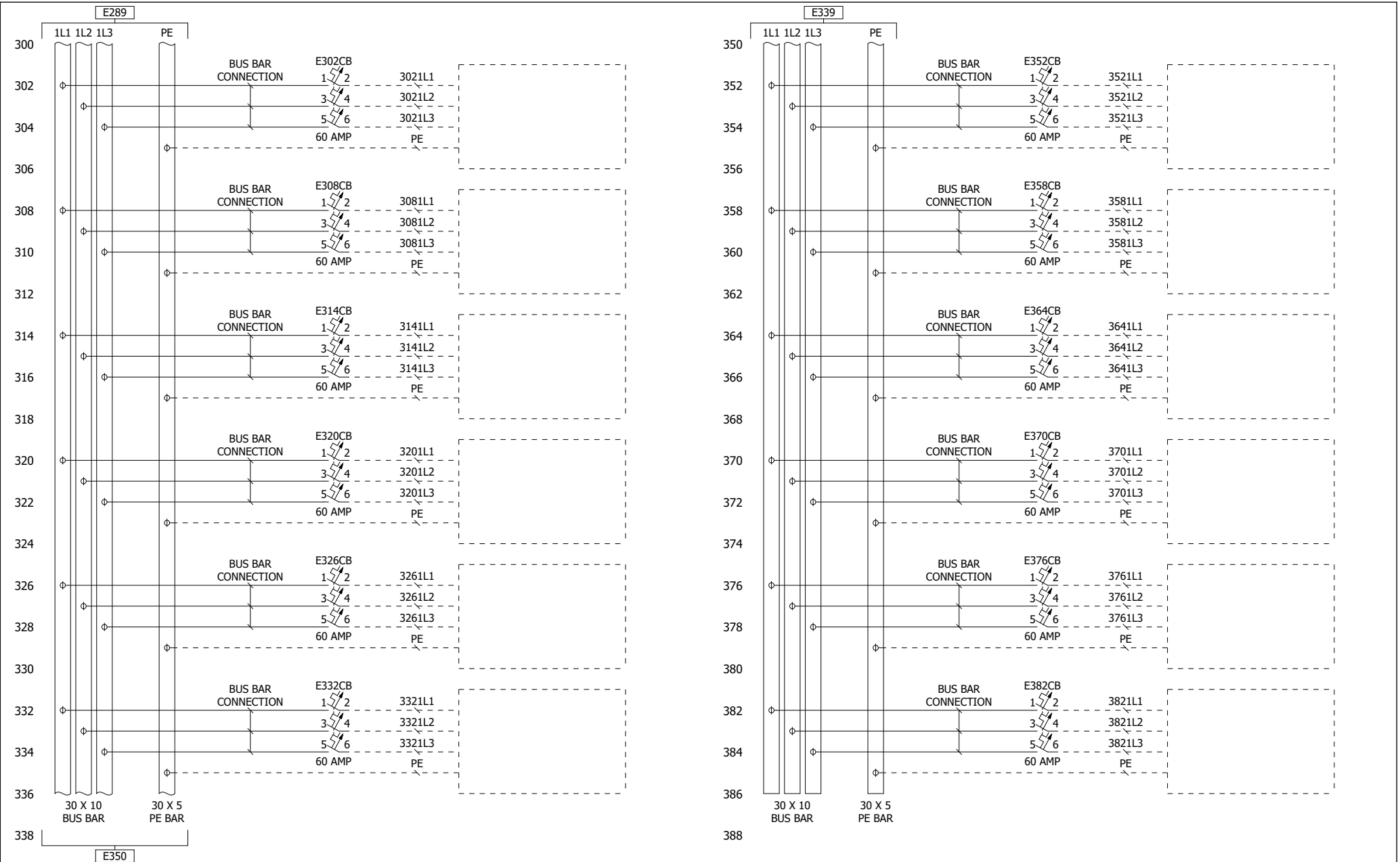
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SAVE DATE: 2022-04-27

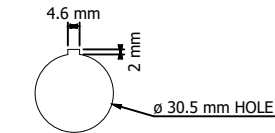
EPLAN VERSION: 2.7.3



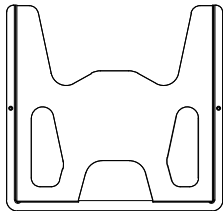
	GM - STANDARD	GM ENGINEER: HARDWARE TEAM	DESIGN SOURCE:	DESIGN LEADER: GREG DOPPKE	PROGRAMS:	PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS	SYSTEM/TOOL NO:	RELEASE DATE: 2022-04-27	REVISION LETTER:	SECTION LETTER: E	SHEET NUMBER: 2 OF 3	
						SHEET DESCRIPTION: 380 - 500 VAC POWER DISTRIBUTION	DRAWING NUMBER: ECS-5119-CC-BB-AA	DATE:				
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STATUS: RELEASED						PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)			SAVE DATE: 2022-04-13		EPLAN VERSION: 2.7.3	



	GM - STANDARD	GM ENGINEER:	DESIGN SOURCE:	DESIGN LEADER:	PROGRAMS:	PACKAGE DESCRIPTION:	100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS	SYSTEM/TOOL NO:	RELEASE DATE:	2022-04-27	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:		
		HARDWARE TEAM		GREG DOPPKE		SHEET DESCRIPTION:	380 - 500 VAC POWER DISTRIBUTION		DRAWING NUMBER:	ECS-5119-CC-BB-AA				DATE:	
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STATUS: RELEASED						PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)						SAVE DATE: 2022-04-13		EPLAN VERSION: 2.7.3	



DETAIL "A"



PRINT POCKET INSIDE DOOR
(SUPPLIED WITH ENCLOSURE)

DOOR BONDING INSTRUCTIONS

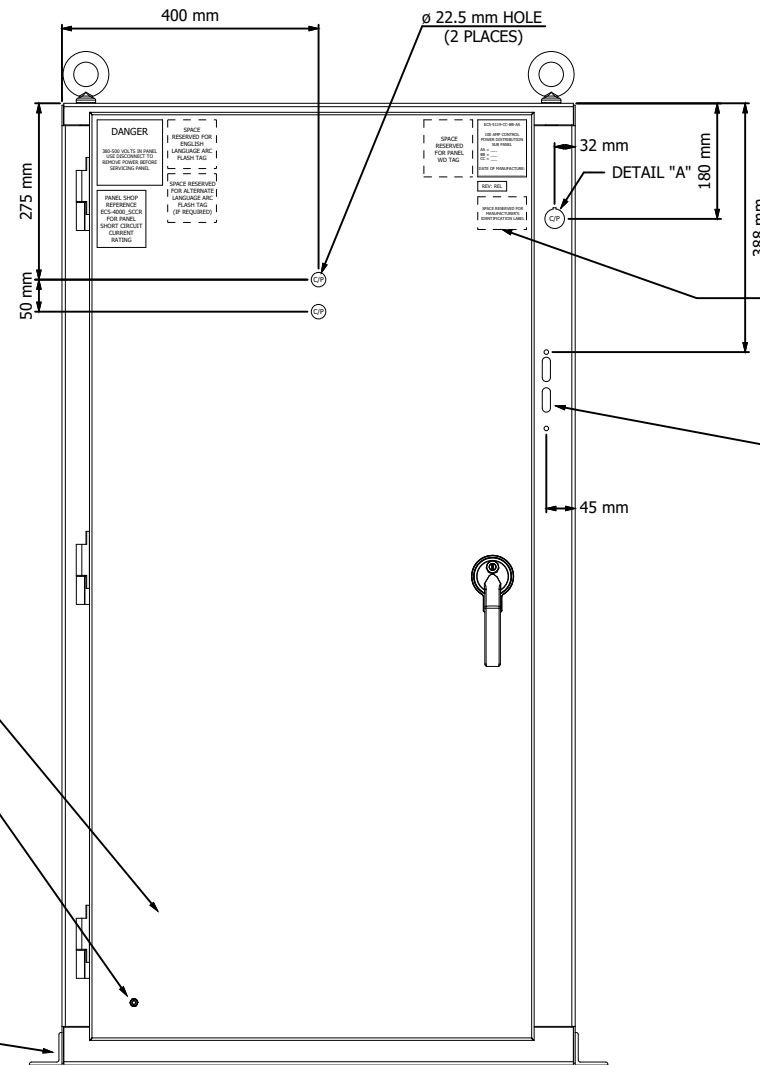
SUPPLY GROUNDING STUD ON
INTERIOR OF DOOR AND INSIDE
ENCLOSURE.

PROVIDE 16 mm² COPPER BRAID
BONDING CONDUCTOR BETWEEN
THE DOOR AND ENCLOSURE
GROUNDING STUDS. USE
NON-INSULATED CRIMP RING LUG
ON EACH BRAID END.

(SUPPLIED WITH ENCLOSURE)

50 mm x 50 mm CONTINUOUS ANGLE
IRON WITH 16 mm HOLES FOR LAGGING
ENCLOSURE TO FLOOR (2 PLACES)

(SUPPLIED WITH ENCLOSURE)



ITEM PROVIDED BY
PANEL MANUFACTURER
TAG SIZE:
76 mm W x 51 mm H

ACTUATOR REQUIREMENTS

MUST BE READILY ACCESSIBLE WITH
DOORS IN THE OPEN OR CLOSED POSITION

MUST BE LOCKABLE IN THE OFF POSITION
ONLY

MUST BE IN CONTROL OF THE DISCONNECT AT
ALL TIMES, INDEPENDENT OF THE POSITION OF
THE ASSOCIATED DOOR.

MUST BE INTERLOCKED WITH THE DOOR SO
THAT THE DOOR CAN ONLY BE OPEN WHEN THE
MAIN BREAKER IS OFF AND SO THE MAIN
BREAKER CAN ONLY BE SWITCHED ON WHEN
THE DOOR IS CLOSED.

MUST BE ABLE TO OVERRIDE DOOR
INTERLOCKING WITH A SCREWDRIVER.

NOTES:

- ENCLOSURE TO BE CONSTRUCTED TO CURRENT GCCB-1 AND GCCH-1 STANDARDS.
- INCLUDE A COPY OF THIS DRAWING PACKAGE INSIDE THE ENCLOSURE.
- PROVIDE A TAG WITH RECEPTACLE NAME ON THE INSIDE AND OUTSIDE OF THE ENCLOSURE FOR EACH RECEPTACLE.
- ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.

ENCLOSURE - 1500 mm H X 800 mm W X 400 mm D

TOP OF ENCLOSURE (SIDE MOUNTED)
OR
FRONT OF ENCLOSURE (TOP/BOTTOM MOUNTED)



KEY POSITION OF
RECEPTACLE TYPICAL
FOR ALL



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL

(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ENCLOSURE LAYOUT - FRONT

SYSTEM/TOOL NO:

RELEASE DATE:

2022-04-27

REVISION LETTER:

DATE:

SECTION LETTER:

X

SHEET NUMBER:

1 OF 8

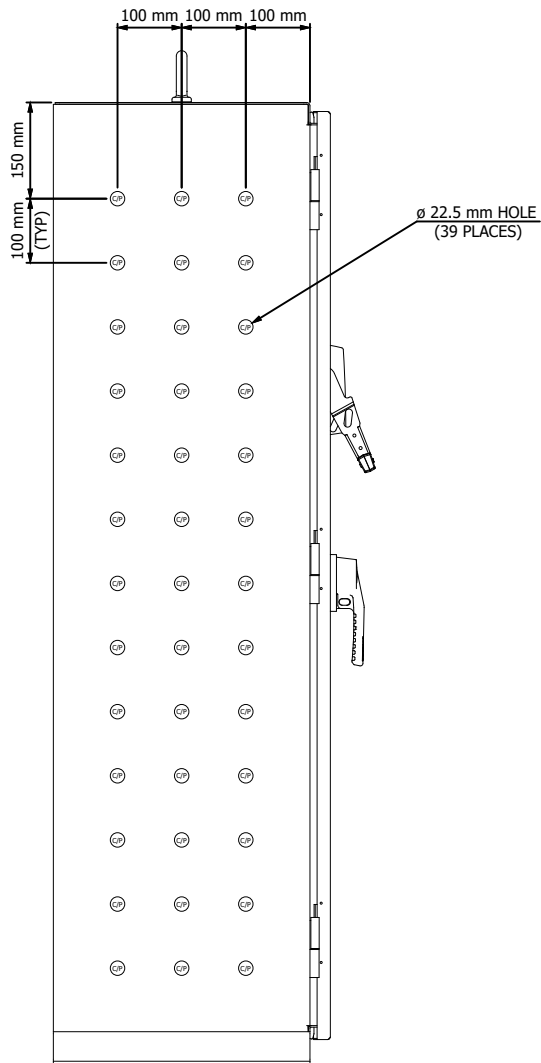
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STATUS: RELEASED

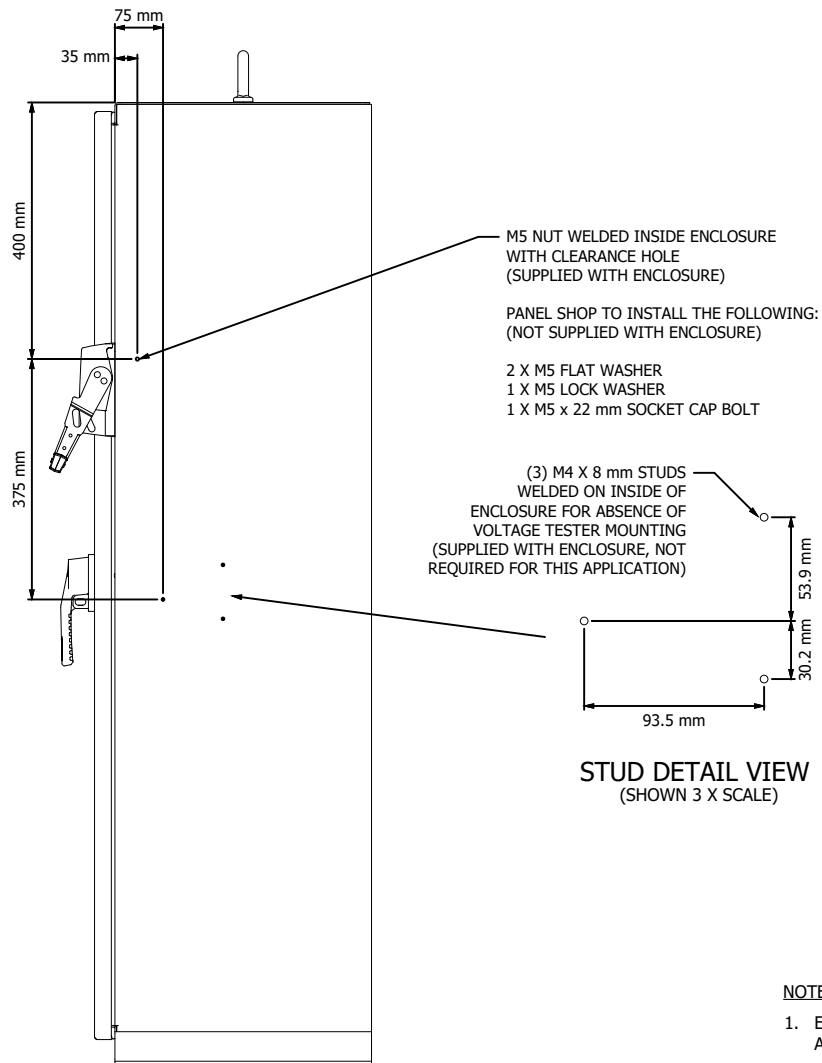
PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3



LEFT SIDE VIEW



STUD DETAIL VIEW
(SHOWN 3 X SCALE)

TOP OF ENCLOSURE (SIDE MOUNTED)
OR
FRONT OF ENCLOSURE (TOP/BOTTOM MOUNTED)



KEY POSITION OF
RECEPTACLE TYPICAL
FOR ALL

NOTES:

- ENCLOSURE TO BE CONSTRUCTED TO CURRENT GCCB-1 AND GCCH-1 STANDARDS.
- INCLUDE A COPY OF THIS DRAWING PACKAGE INSIDE THE ENCLOSURE.
- PROVIDE A TAG WITH RECEPTACLE NAME ON THE INSIDE AND OUTSIDE OF THE ENCLOSURE FOR EACH RECEPTACLE.
- ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL

(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ENCLOSURE LAYOUT - SIDE

SYSTEM/TOOL NO:

RELEASE DATE:

2022-04-27

REVISION LETTER:

DATE:

X

SECTION LETTER:

2

OF

SHEET NUMBER:

8

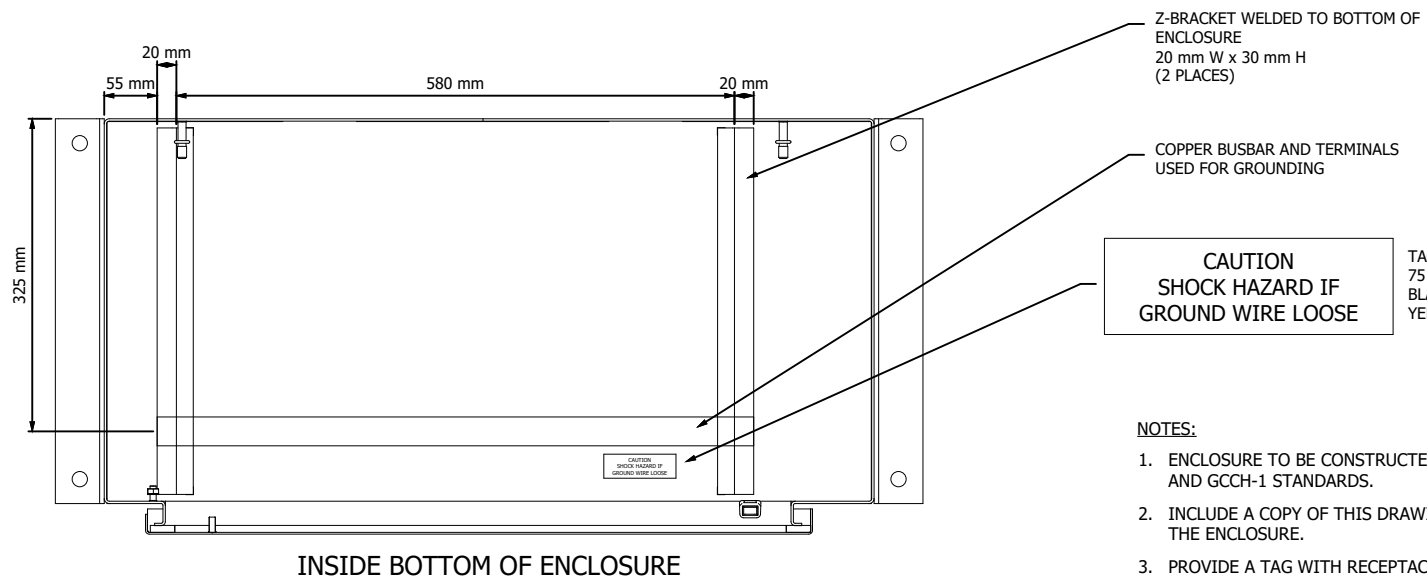
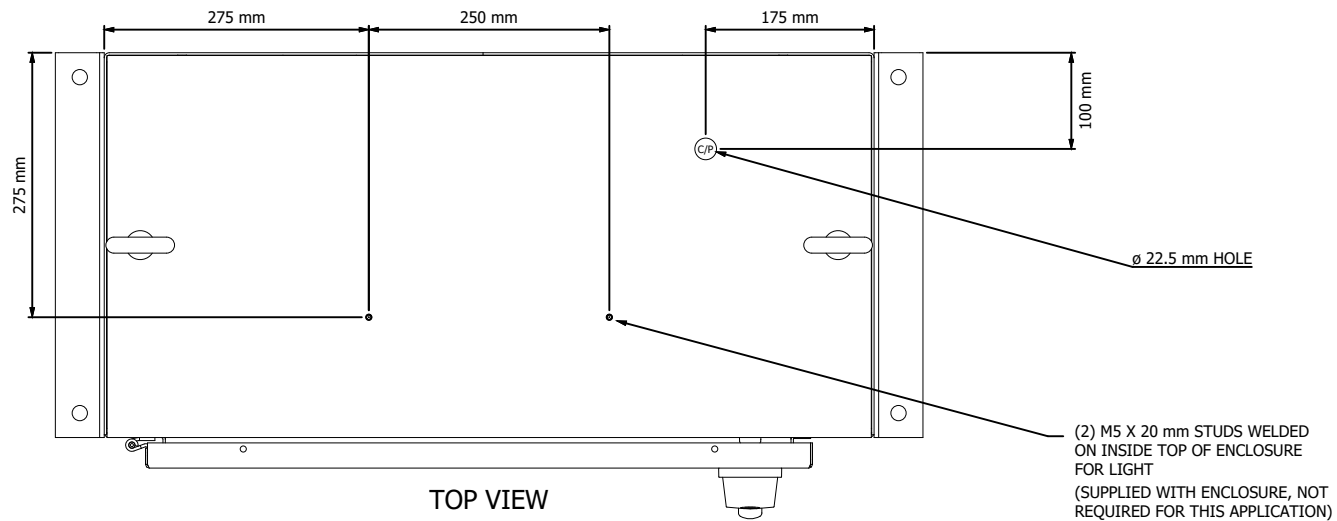
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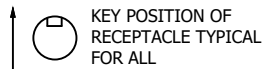
PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3



TOP OF ENCLOSURE (SIDE MOUNTED)
OR
FRONT OF ENCLOSURE (TOP/BOTTOM MOUNTED)



CAUTION
SHOCK HAZARD IF
GROUND WIRE LOOSE

TAG SIZE:
75 mm W x 25 mm H
BLACK TEXT ON
YELLOW BACKGROUND

NOTES:

- ENCLOSURE TO BE CONSTRUCTED TO CURRENT GCCB-1 AND GCCH-1 STANDARDS.
- INCLUDE A COPY OF THIS DRAWING PACKAGE INSIDE THE ENCLOSURE.
- PROVIDE A TAG WITH RECEPTACLE NAME ON THE INSIDE AND OUTSIDE OF THE ENCLOSURE FOR EACH RECEPTACLE.
- ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ENCLOSURE LAYOUT - TOP AND INSIDE BOTTOM

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

SHEET
NUMBER:

X 3 OF 8

DRAWING NUMBER:
ECS-5119-CC-BB-AA

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3

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DANGER

380-500 VOLTS IN PANEL
USE DISCONNECT TO
REMOVE POWER BEFORE
SERVICING PANEL

TAG SIZE:
102 mm W x 102 mm H
WHITE TEXT ON
RED BACKGROUND

PANEL SHOP
REFERENCE
ECS-4000_SCCR
FOR PANEL
SHORT CIRCUIT
CURRENT
RATING

TAG SIZE:
76 mm W x 89 mm H

TAG SIZE:
76 mm W x 89 mm H

PANEL SHOP TO PROVIDE
INFORMATION FOR ALL BLANK
FIELDS BASED ON ACTUAL
PANEL CONSTRUCTION.

ECS-5119-CC-BB-AA

100 AMP CONTROL
POWER DISTRIBUTION
SUB PANEL


AA = ____
BB = ____
CC = ____

DATE OF MANUFACTURE:

TAG SIZE:
45 mm W x 15 mm H

REV: REL

- NOTES:
- 1. ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.
 - 2. WIRE NUMBERS AND PUSHBUTTON COLOR SHOWN ON TAGS FOR WIRING PURPOSES ONLY. DO NOT MARK WIRE NUMBERS OR PB COLOR ON TAGS.

	GM - STANDARD	GM ENGINEER:	DESIGN SOURCE:	DESIGN LEADER:	PROGRAMS:	PACKAGE DESCRIPTION:	SYSTEM/TOOL NO:	RELEASE DATE:	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:
		HARDWARE TEAM		GREG DOPPKE		100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS		2022-04-27			
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STATUS: RELEASED						TAG DETAILS	ECS-5119-CC-BB-AA			X 4 OF 8	
						PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)		SAVE DATE: 2022-04-27		EPLAN VERSION: 2.7.3	


TAG SIZE:
102 mm W x 178 mm H

LUG TORQUE VALUES (UL) - ECS-5119			
TERMINAL	WIRE STRANDING CLASS	WIRE SIZE (AWG)	TORQUE (LB-IN)
E104DISC LINE SIDE	CLASS B/C	#10 - 4 #3 - 3/0	105 140
15 OR 30 A BRANCH LOAD SIDE	CLASS B/C	#10 - 4	40 - 53
60 A BRANCH LOAD SIDE	CLASS B/C	#14 - 6 #4 - 3/0	45 70
PE LUG LINE SIDE	NOT SPECIFIED	#10 - 0	53
PE BAR LARGE TERMINAL	NOT SPECIFIED	#6 - 2/0	105
PE BAR SMALL TERMINAL	NOT SPECIFIED	#16 - 6	35
NOTE: TORQUE VALUES PROVIDED ARE FOR LUGS INCLUDED IN THE STANDARD PDP DESIGN AND WITH THE WIRE STRANDING AND SIZES SHOWN ONLY. IF ALTERNATE LUGS ARE USED, THEN WIRE STRANDING AND SIZE AND TERMINAL TORQUE MUST BE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.			

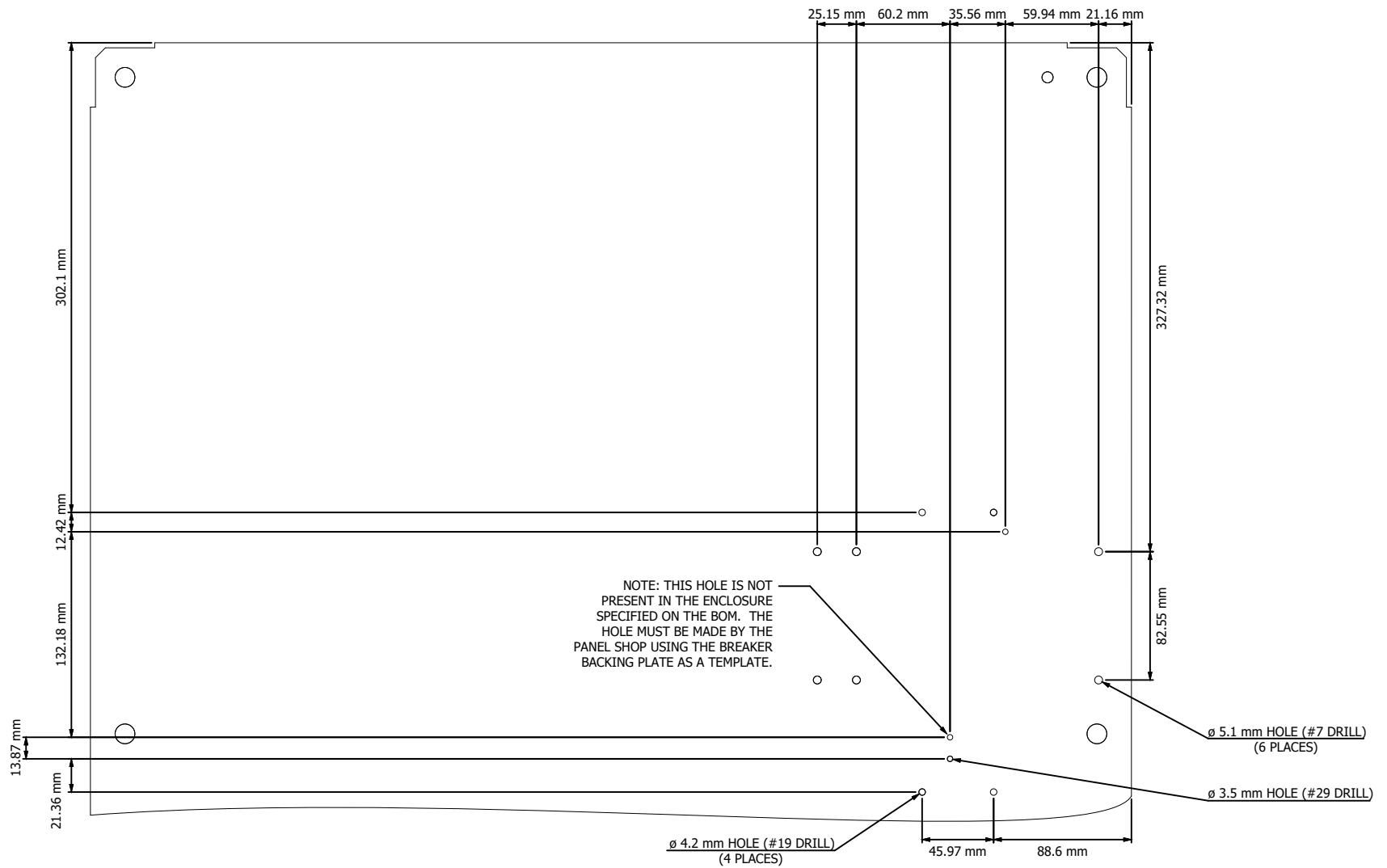
TAG SIZE:
102 mm W x 178 mm H

LUG TORQUE VALUES (IEC) - ECS-5119			
TERMINAL	WIRE STRANDING CLASS	WIRE SIZE (mm²)	TORQUE (N-m)
E104DISC LINE SIDE	CLASS 2	6 - 25 35 - 120	6 10
15 OR 30 A BRANCH LOAD SIDE	CLASS 2	10 - 50	4.5 - 6
60 A BRANCH LOAD SIDE	CLASS 2	1.5 - 16 25 - 70	5 8
PE LUG LINE SIDE	NOT SPECIFIED	6 - 50	6
PE BAR LARGE TERMINAL	NOT SPECIFIED	16 - 70	12
PE BAR SMALL TERMINAL	NOT SPECIFIED	1.5 - 16	4
NOTE: TORQUE VALUES PROVIDED ARE FOR LUGS INCLUDED IN THE STANDARD PDP DESIGN AND WITH THE WIRE STRANDING AND SIZES SHOWN ONLY. IF ALTERNATE LUGS ARE USED, THEN WIRE STRANDING AND SIZE AND TERMINAL TORQUE MUST BE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.			

- NOTES:**
1. ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.
 2. INSTALL TORQUE VALUE LABELS ON THE INSIDE OF THE ENCLOSURE DOOR ON THE UPPER RIGHT SIDE.

	GM - STANDARD	GM ENGINEER:	DESIGN SOURCE:	DESIGN LEADER:	PROGRAMS:	PACKAGE DESCRIPTION:	SYSTEM/TOOL NO:	RELEASE DATE:	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:
		HARDWARE TEAM		GREG DOPPKE		100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS		2022-04-27			
DRAWING NUMBER: ECS-5119-CC-BB-AA							DATE:		X 5 OF 8		
STATUS: RELEASED							PROJECT NAME: ECS-5119-CC-BB-AA Rel(2022-04-27)		SAVE DATE: 2022-04-13 EPLAN VERSION: 2.7.3		

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NOTE:

DIMENSIONS SHOWN ARE VALID FOR ENCLOSURE SPECIFIED ON BOM. IF AN ALTERNATIVE ENCLOSURE IS USED, THEN THE DIMENSIONS MAY VARY. THE BREAKER AND OPERATING MECHANISM MUST BE LOCATED PER THE MANUFACTURER'S REQUIREMENTS.

CIRCUIT BREAKER AND DISCONNECT MECHANISM MOUNTING DETAIL

NOTE:

PANEL SHOP TO TAP HOLES IN SUBPLATE - DO NOT FASTEN COMPONENTS WITH NUTS BEHIND THE SUBPLATE.

 GM - STANDARD	GM ENGINEER: HARDWARE TEAM	DESIGN SOURCE:	DESIGN LEADER: GREG DOPPKE	PROGRAMS:	PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL (CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS	SYSTEM/TOOL NO:	RELEASE DATE: 2022-04-27	REVISION LETTER:	SECTION LETTER:	SHEET NUMBER:
					SHEET DESCRIPTION: SUBPLATE DETAIL	DRAWING NUMBER: ECS-5119-CC-BB-AA		DATE:	X	6 OF 8

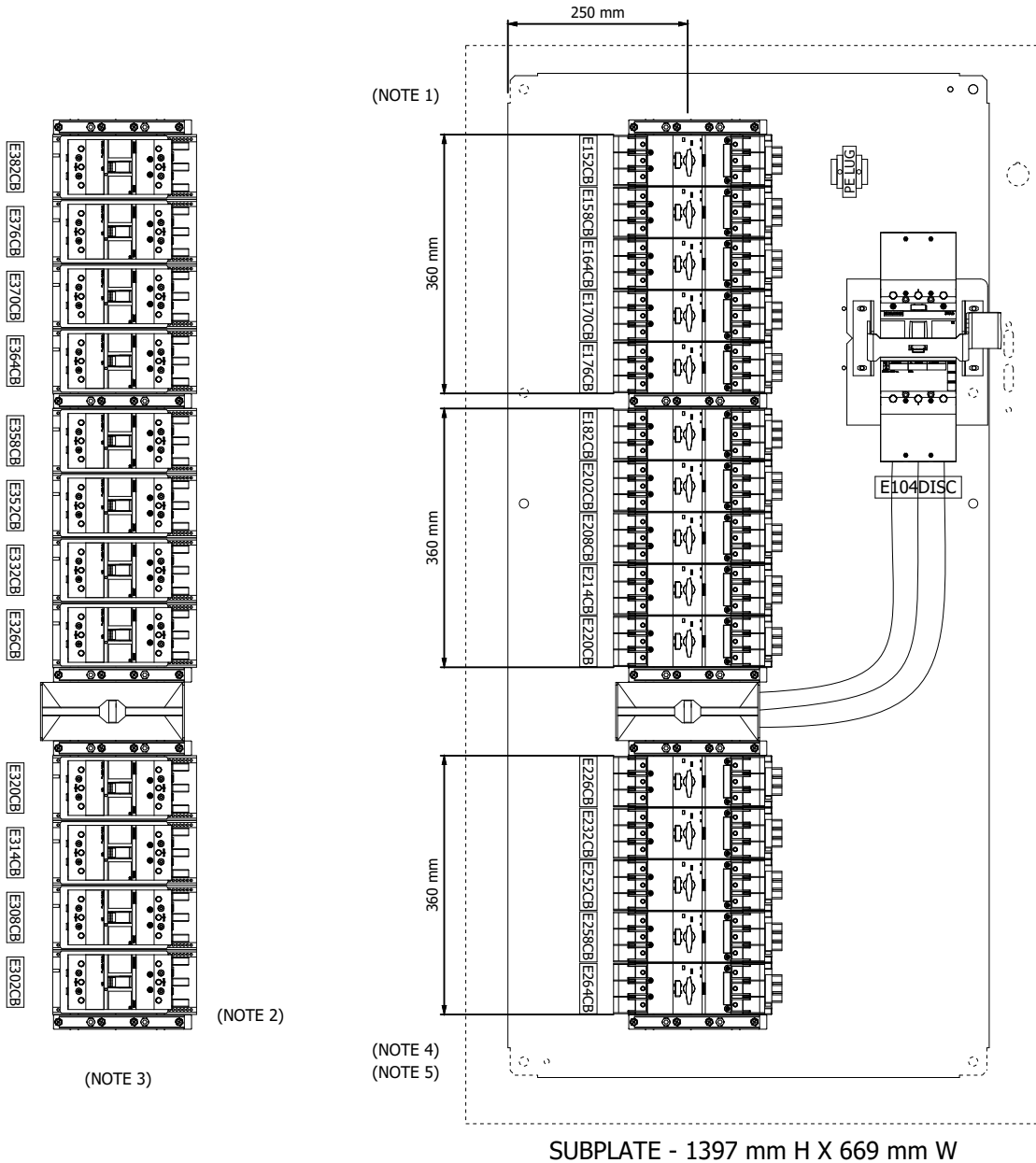
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EPLAN VERSION: 2.7,3



NOTES:

1. INSTALL 15 AND 30 A BRANCH BREAKERS FROM SMALLEST TO LARGEST SIZE FROM TOP TO BOTTOM OF ENCLOSURE.
2. INSTALL 60 A BRANCHES FROM BOTTOM TO TOP OF ENCLOSURE.
3. 15 AND 30 A BRANCHES SHOWN INSTALLED ON SUBPLATE. 60 A BRANCHES SHOWN AS REFERENCE. ONLY ONE ROW OF BREAKERS CAN BE INSTALLED ON THE SUBPLATE. THE TOTAL NUMBER OF BRANCH BREAKERS MUST FOLLOW THE RULE ON SHEET A1.
4. INSTALL FULL BUS BAR AND ALL SUPPORTS REGARDLESS OF THE NUMBER OF BRANCH BREAKERS ORDERED.
5. UNUSED BUS BAR SHALL BE COVERED WITH COVER PROFILES (GCCL #11419).



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS
SHEET DESCRIPTION: SUBPLATE LAYOUT

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

X

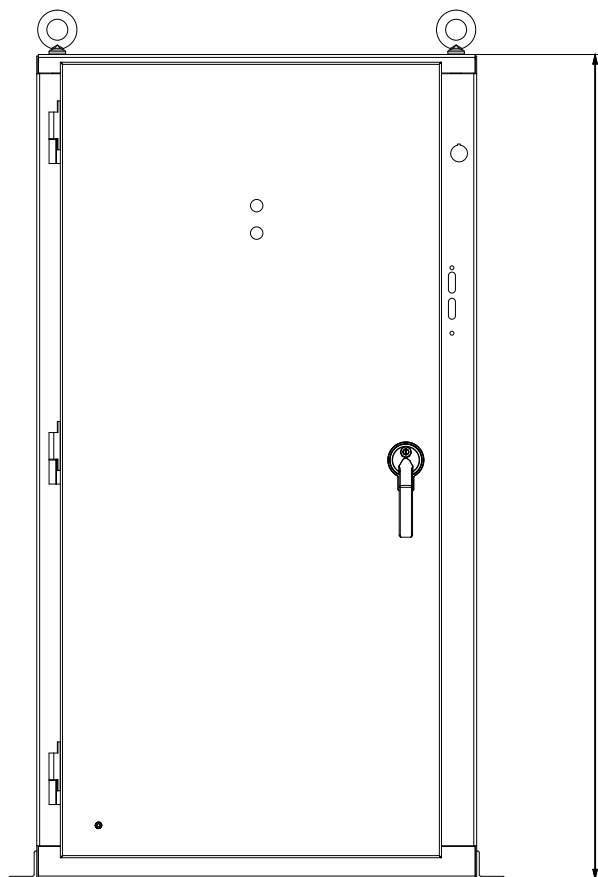
SHEET
NUMBER:
7 OF 8

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

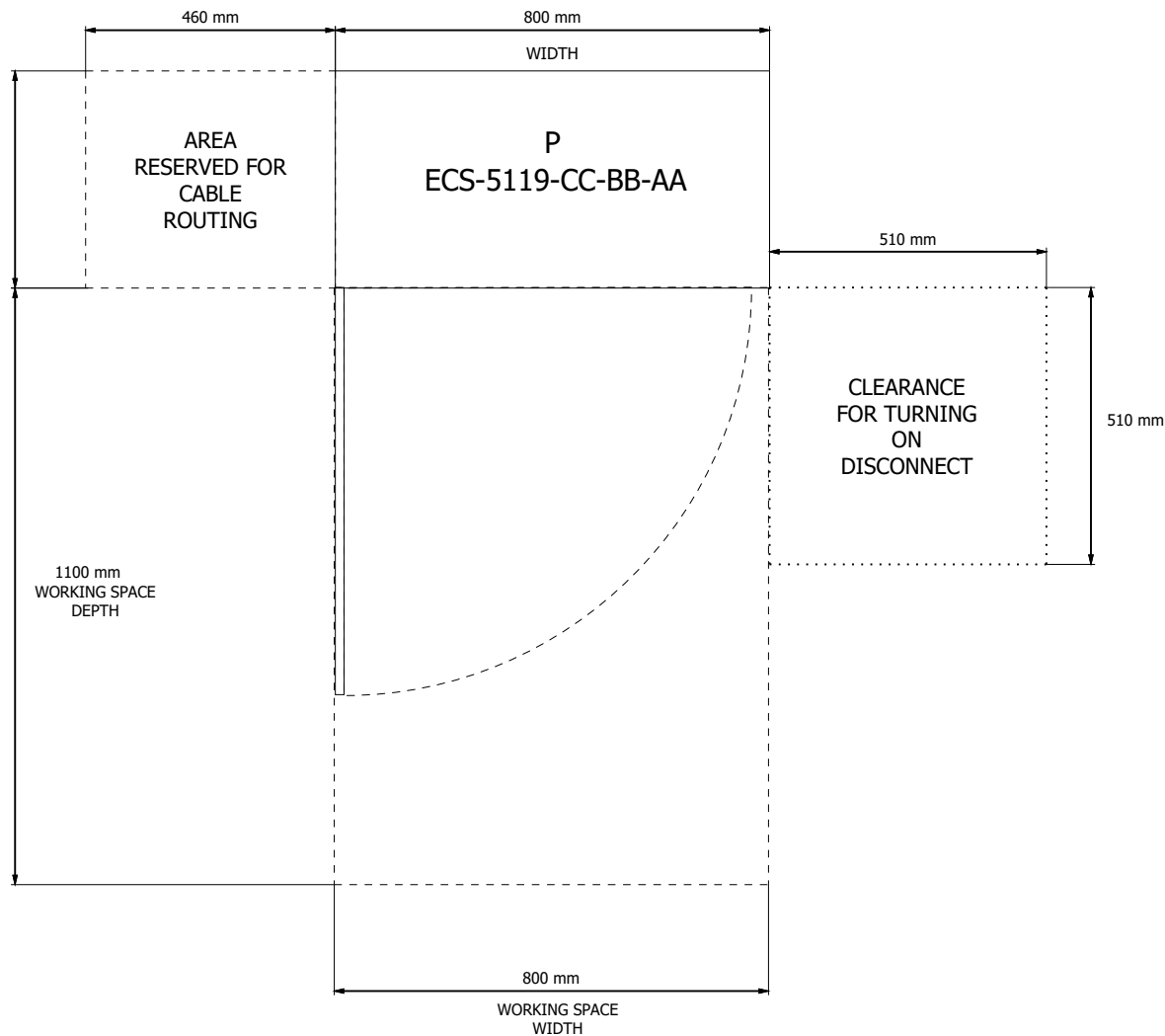
SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3



1500 mm
HEIGHT

400 mm
DEPTH



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ENCLOSURE FOOTPRINT

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

X

SHEET
NUMBER:

8 OF 8

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-11

EPLAN VERSION: 2,7,3

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

CHANGE CODE	
PR	PRODUCT CHANGE
R	PLANT REQUEST
MP	MECHANICAL PROCESS CHANGE
CP	CONTROL PROCESS CHANGE
M	MECHANICAL DESIGN CHANGE
C	CONTROL DESIGN CHANGE
F	FLOOR AND BUILD CHANGE



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS
SHEET DESCRIPTION: BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (BASE BOM)

SYSTEM/TOOL NO:

DRAWING NUMBER:
ECS-5119-CC-BB-AA

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

YA

SHEET
NUMBER:

1 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3

BOM NAME:
ECS-5119-CC-BB-AA-BOM (BASE BOM)

SOURCE
LEGEND

F - FURNISHED BY GM
M - CONSTRUCTION SOURCE MAKE ITEM
REF - PURCHASED BY OTHERS (NO SUBSTITUTION)

NOTE: 'N' SUFFIX ON SOURCE CODE DENOTES AN ITEM THAT IS NOT REQUIRED TO BE STOCKED AS SPARE BY THE PLANT.

B1 - PURCHASE ITEM OR EQUIVALENT ITEM (GM APPROVAL NOT REQUIRED)
B2 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -INTERCHANGEABLE COMPONENT
B3 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -NOT AN INTERCHANGEABLE COMPONENT
B4 - PURCHASE ITEM (NO SUBSTITUTION)

BOM REV	ITEM NUMBER	QUANTITY	PART DESCRIPTION	MANUFACTURER	PART NUMBER	SOURCE	GCCL REFERENCE	COMMENTS
	11080	2	BUSBAR SYSTEM, ACCESSORIES BUSBAR CENTER-TO-CENTER SPACING 60 mm N/PE BUSBAR HOLDER FOR BUSBARS 12X 5 (10)-30X 5 (10) AND 6X 6 mm, FREE-STANDING INSTALLATION OR ATTACHMENT TO 8US1923-2AA01	SIEMENS	8US1923-1AA01	B3-N		
	11103	1	OPERATING UNIT WITH ROD VARIABLE DEPTH FLANGE MOUNTED OPERATOR KIT, 3 POLE: CONSISTING OF: HANDLE STEEL CHROME PLATED NEMA 4/4X BLACK=OFF, BLACK=ON SWITCHING MECHANISM MOUNTING DEPTH 8" TO 16" ACCESSORY FOR: 3VA5 250 3VA6 250, W/ ADAPTER PLATE	SIEMENS	3VA9278-ODK84	B3		
	11111	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 10 - 3/0 AWG. FOR (250A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS	3VA9233-0JA11	B3		
	11126	2	TERMINAL COVER EXTENDED 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA6 150/250 3VA5 250 PLUG-IN/DRAW-OUT BASE 3VA6 150/250	SIEMENS	3VA9271-0WF31	B3		
	11367	1	CIRCUIT BREAKER 3VA5 UL FRAME 250 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=100A OVERLOAD PROTECTION IR=100A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS	3VA5210-6ED31-0AA0	B3		
	11415	16	TERMINAL, BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR 5 mm BUSBAR THICKNESS 1,5-16 mm²	SIEMENS	8US1921-2AA00	B3-N		100 PIECES PER PACKAGE
	11417	5	TERMINAL, BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR 5 mm BUSBAR THICKNESS 16-70 mm²	SIEMENS	8US1921-2AD00	B3-N		MINIMUM ORDER QUANTITY = 50
	11418	2	COVER, END, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR BUSBAR ENDS ON HOLDER 8US1923, 3-POLE	SIEMENS	8US1922-1AC00	B3-N		
	11419	0 A/R	COVER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR BUSBAR PROFILE, LENGTH 1000 mm, WIDTH 30 mm, THICKNESS 10 mm	SIEMENS	8US1922-2BA00	B3-N		
	11420	0 A/R	BUSBAR ACCESSORY, 60 mm FAST BUS BUSBAR SYSTEM, DISTANCE 60 mm BASE LENGTH 1100 mm INCREASED CLEARANCE DISTANCES INCREASED CREEPAGE DISTANCES ACC. UL508A ACCORDING TO UL508	SIEMENS	8US1922-2UA01	B3-N		
	11422	5	BUSBAR SYSTEM, ACCESSORY BUSBAR DISTANCE 60 mm BUSBAR SUPPORT FOR 12X5 (10)-30X5 (10) PROFILES INSIDE FIXING WITH INC. CLEARANCE DISTANCES WITH INC. CREEPAGE DISTANCES ACCORDING TO UL508	SIEMENS	8US1923-3UA01	B3-N		
	12712	2	BLOCK, TERMINAL, END ANCHORS - DIN RAIL, EW 35, BEIGE	WEIDMULLER	0383560000	B2-N		
	75120	0 A/R	STANDARD MOUNTING RAIL 35X27X15,1.5mm THICK, 2 METERS LONG	PHOENIX	0806602	B1-N		
	75600	42	HOLE PLUG, 22.5mm DIAMETER	SIEMENS	3SU1900-0FA11-0AA0	B1-N		
	75805	0 A/R	TAGS, PANEL, STICK ON OR LAMICOID, MINIMUM FONT SIZE - 5mm (20PT)	CUSTOM	GENERIC TAG - PANEL	M-N		
	80000	1	BLOCK, TERMINAL, WPE 50N, PE, 50mm², GREEN-YELLOW	WEIDMULLER	1846040000			
	80001	1	CONNECTION TERMINAL SET, 3-POLE ROUND CABLE 25 ... 120 mm² (6 AWG ... 250 MCM) BUSBAR CENTER-TO-CENTER SPACING 60 mm IEC/UL 508A	SIEMENS	8US1921-1AA00	B3-N		
	80010	1	HOLE PLUG, 30.5 mm DIAMETER	HOFFMANN OR EQUIVALENT	ASPBLG	B1-N		
	80077	0 A/R	COPPER RAIL, TIN PLATED, 30x10x2400	CUSTOM	30X10X2400	B1-N		
	80098	1	ENCLOSURE BUILT TO LATEST GCCB-1 AND GCCH-1 SPECIFICATIONS, 1500 mm H X 800 mm W X 400 mm D, RAL 7035 GRAY, 50 mm MOUNTING ANGLES, SUBPLATE, 1397 mm H X 669 mm W, 12 GAUGE MIN, GALVANIZED	HOFFMANN OR EQUIVALENT	X2727	B2-N		
	81430	0 A/R	COPPER RAIL, TIN PLATED, 30x5x2400	CUSTOM	30X5X2400	B1-N		

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

CHANGE CODE	
PR	PRODUCT CHANGE
R	PLANT REQUEST
MP	MECHANICAL PROCESS CHANGE
CP	CONTROL PROCESS CHANGE
M	MECHANICAL DESIGN CHANGE
C	CONTROL DESIGN CHANGE
F	FLOOR AND BUILD CHANGE



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS
SHEET DESCRIPTION: BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (AA OPTION)

SYSTEM/TOOL NO:

DRAWING NUMBER:
ECS-5119-CC-BB-AA

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

YB

SHEET
NUMBER:

1 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3

BOM NAME:
ECS-5119-CC-BB-AA-BOM (AA OPTION)

SOURCE
LEGEND

F - FURNISHED BY GM
M - CONSTRUCTION SOURCE MAKE ITEM
REF - PURCHASED BY OTHERS (NO SUBSTITUTION)
B1 - PURCHASE ITEM OR EQUIVALENT ITEM (GM APPROVAL NOT REQUIRED)
B2 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -INTERCHANGEABLE COMPONENT
B3 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -NOT AN INTERCHANGEABLE COMPONENT
B4 - PURCHASE ITEM (NO SUBSTITUTION)
NOTE: '-N' SUFFIX ON SOURCE CODE DENOTES AN ITEM THAT IS NOT REQUIRED TO BE STOCKED AS SPARE BY THE PLANT.

BOM REV	ITEM NUMBER	QUANTITY	PART DESCRIPTION	MANUFACTURER	PART NUMBER	SOURCE	GCCL REFERENCE	COMMENTS
	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS	3RV2948-1LA00	B3-N		MULTIPLY QUANTITIES BY AA
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS	3RV2742-5BD10	B3		MULTIPLY QUANTITIES BY AA
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS	8US1211-4TR00	B3-N		MULTIPLY QUANTITIES BY AA



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL

(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ECS-5119-CC-BB-AA-BOM (AA OPTION)

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

YB

SHEET
NUMBER:

2 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
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STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7,3

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

CHANGE CODE	
PR	PRODUCT CHANGE
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M	MECHANICAL DESIGN CHANGE
C	CONTROL DESIGN CHANGE
F	FLOOR AND BUILD CHANGE



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS
SHEET DESCRIPTION: BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (BB OPTION)

SYSTEM/TOOL NO:

DRAWING NUMBER:
ECS-5119-CC-BB-AA

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

SHEET
NUMBER:

YC 1 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3

BOM NAME:
ECS-5119-CC-BB-AA-BOM (BB OPTION)

SOURCE
LEGEND

F - FURNISHED BY GM
M - CONSTRUCTION SOURCE MAKE ITEM
REF - PURCHASED BY OTHERS (NO SUBSTITUTION)
B1 - PURCHASE ITEM OR EQUIVALENT ITEM (GM APPROVAL NOT REQUIRED)
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NOTE: '-N' SUFFIX ON SOURCE CODE DENOTES AN ITEM THAT IS NOT REQUIRED TO BE STOCKED AS SPARE BY THE PLANT.

BOM REV	ITEM NUMBER	QUANTITY	PART DESCRIPTION	MANUFACTURER	PART NUMBER	SOURCE	GCCL REFERENCE	COMMENTS
	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS	3RV2948-1LA00	B3-N		MULTIPLY QUANTITIES BY BB
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS	3RV2742-5ED10	B3		MULTIPLY QUANTITIES BY BB
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS	8US1211-4TR00	B3-N		MULTIPLY QUANTITIES BY BB



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL

(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS

SHEET DESCRIPTION: ECS-5119-CC-BB-AA-BOM (BB OPTION)

SYSTEM/TOOL NO:

RELEASE DATE:
2022-04-27

REVISION
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YC

SHEET
NUMBER:

2 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7,3

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY

CHANGE CODE	
PR	PRODUCT CHANGE
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MP	MECHANICAL PROCESS CHANGE
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M	MECHANICAL DESIGN CHANGE
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F	FLOOR AND BUILD CHANGE



GM - STANDARD

GM ENGINEER:
HARDWARE
TEAM

DESIGN SOURCE:

DESIGN LEADER:
GREG
DOPPKE

PROGRAMS:

PACKAGE DESCRIPTION: 100 AMP CONTROL POWER DISTRIBUTION SUB PANEL
(CC) 60 A, (BB) 30 A, (AA) 15 A CIRCUITS
SHEET DESCRIPTION: BOM CHANGE SHEET: ECS-5119-CC-BB-AA-BOM (CC OPTION)

SYSTEM/TOOL NO:

DRAWING NUMBER:
ECS-5119-CC-BB-AA

RELEASE DATE:
2022-04-27

REVISION
LETTER:

DATE:

SECTION
LETTER:

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NUMBER:

YD 1 OF 2

THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO
USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.

STATUS: RELEASED

PROJECT NAME: ECS-5119-CC-BB-AA_Rel(2022-04-27)

SAVE DATE: 2022-04-27

EPLAN VERSION: 2.7.3

BOM NAME:
ECS-5119-CC-BB-AA-BOM (CC OPTION)

SOURCE
LEGEND

F - FURNISHED BY GM
M - CONSTRUCTION SOURCE MAKE ITEM
REF - PURCHASED BY OTHERS (NO SUBSTITUTION)

B1 - PURCHASE ITEM OR EQUIVALENT ITEM (GM APPROVAL NOT REQUIRED)
B2 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -INTERCHANGEABLE COMPONENT
B3 - PURCHASE ITEM (SUBSTITUTION REQUIRES GM APPROVAL) -NOT AN INTERCHANGEABLE COMPONENT
B4 - PURCHASE ITEM (NO SUBSTITUTION)

NOTE: '-N' SUFFIX ON SOURCE CODE DENOTES AN ITEM THAT IS NOT REQUIRED TO BE STOCKED AS SPARE BY THE PLANT.

BOM REV	ITEM NUMBER	QUANTITY	PART DESCRIPTION	MANUFACTURER	PART NUMBER	SOURCE	GCCL REFERENCE	COMMENTS
	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS	3VA9133-0JA11	B3		MULTIPLY QUANTITIES BY CC
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 -	SIEMENS	3VA9131-0WD31	B3		MULTIPLY QUANTITIES BY CC
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS	3VA5160-6ED31-0AA0	B3		MULTIPLY QUANTITIES BY CC
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS	8US1211-4SS00	B3-N		MULTIPLY QUANTITIES BY CC

DEVICE LIST

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
E104DISC	11103	1	OPERATING UNIT WITH ROD VARIABLE DEPTH FLANGE MOUNTED OPERATOR KIT, 3 POLE: CONSISTING OF: HANDLE STEEL CHROME PLATED NEMA 4/4X BLACK=OFF, BLACK=ON SWITCHING MECHANISM MOUNTING DEPTH 8" TO 16" ACCESSORY FOR: 3VA5 250 3VA6 250, W/ ADAPTER PLATE	SIEMENS 3VA9278-0DK84
	11111	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 10 - 3/0 AWG. FOR (250A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9233-0JA11
	11126	2	TERMINAL COVER EXTENDED 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA6 150/250 3VA5 250 PLUG-IN/DRAW-OUT BASE 3VA6 150/250	SIEMENS 3VA9271-0WF31
	11367	1	CIRCUIT BREAKER 3VA5 UL FRAME 250 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=100A OVERLOAD PROTECTION IR=100A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5210-6ED31-0AA0
E152CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E158CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E164CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E170CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E176CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E182CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E202CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E208CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E214CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00

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DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
E214CB	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E220CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E226CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E232CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E252CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E258CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E264CB	11249	2	TERMINAL COVER FOR BOX TERMINALS FOR CIRCUIT BREAKER 3RV2742 IN SIZE S3	SIEMENS 3RV2948-1LA00
	11251	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 15 A N-RELEASE 225 A SCREW TERMINAL	SIEMENS 3RV2742-5BD10
	11254	1	CIRCUIT BREAKER SIZE S3 FOR SYSTEM PROTECTION WITH APPROVAL CIRCUIT BREAKER UL 489, CSA C22.2 NO.5-02 A-RELEASE 30 A N-RELEASE 390 A SCREW TERMINAL	SIEMENS 3RV2742-5ED10
	11412	1	BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR SIRIUS S3 3RV MOTOR STARTER PROTECTORS AND CIRCUIT BREAKERS 3RV2742-..... UP TO 80A, WIDTH 72 mm, LENGTH 215 mm, BUSBAR THICKNESS 5,10 mm + TT-PROFILE	SIEMENS 8US1211-4TR00
E302CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E308CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E314CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31

DEVICE LIST

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
E314CB	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E320CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E326CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E332CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E352CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E358CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E364CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E370CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E376CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
E382CB	11110	2	SIEMENS LOW VOLTAGE 3VA CIRCUIT BREAKER ACCESSORY. 3-PIECE STEEL BODY 1-CONDUCTOR BOX TERMINAL - WIRE SIZE: 14 - 3/0 AWG. FOR (125A 3VA5) FRAME UL CIRCUIT BREAKERS.	SIEMENS 3VA9133-0JA11
	11120	2	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125 - -	SIEMENS 3VA9131-0WD31
	11356	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=60A OVERLOAD PROTECTION IR=60A FIXED SHORT-CIRCUIT PROTECTION II=10 X IN WITHOUT CONNECTION	SIEMENS 3VA5160-6ED31-0AA0
	11406	1	BREAKER 3VA ADAPTER FOR BUSBAR SYSTEM FOR 3VA51 FOR 3 POLE BREAKERS FOR USE WITH 60 mm BUSBAR	SIEMENS 8US1211-4SS00
PDP	11418	2	COVER, END, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR BUSBAR ENDS ON HOLDER 8US1923, 3-POLE	SIEMENS 8US1922-1AC00
	11419	0 A/R	COVER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR BUSBAR PROFILE, LENGTH 1000 mm, WIDTH 30 mm, THICKNESS 10 mm	SIEMENS 8US1922-2BA00

DEVICE LIST

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
PDP	11420	0 A/R	BUSBAR ACCESSORY, 60 mm FAST BUS BUSBAR SYSTEM, DISTANCE 60 mm BASE LENGTH 1100 mm INCREASED CLEARANCE DISTANCES INCREASED CREEPAGE DISTANCES ACC. UL508A ACCORDING TO UL508	SIEMENS 8US1922-2UA01
	11422	5	BUSBAR SYSTEM, ACCESSORY BUSBAR DISTANCE 60 mm BUSBAR SUPPORT FOR 12X5 (10)-30X5 (10) PROFILES INSIDE FIXING WITH INC. CLEARANCE DISTANCES WITH INC. CREEPAGE DISTANCES ACCORDING TO UL508	SIEMENS 8US1923-3UA01
	12712	2	BLOCK, TERMINAL, END ANCHORS - DIN RAIL, EW 35, BEIGE	WEIDMULLER 0383560000
	75120	0 A/R	STANDARD MOUNTING RAIL 35X27X15,1.5mm THICK, 2 METERS LONG	PHOENIX 0806602
	75600	42	HOLE PLUG, 22.5mm DIAMETER	SIEMENS 3SU1900-0FA11-0AA0
	75805	0 A/R	TAGS, PANEL, STICK ON OR LAMICOID, MINIMUM FONT SIZE - 5mm (20PT)	CUSTOM GENERIC TAG - PANEL
	80001	1	CONNECTION TERMINAL SET, 3-POLE ROUND CABLE 25 ... 120 mm² (6 AWG ... 250 MCM) BUSBAR CENTER-TO-CENTER SPACING 60 mm IEC/UL 508A	SIEMENS 8US1921-1AA00
	80010	1	HOLE PLUG, 30.5 mm DIAMETER	HOFFMANN OR EQUIVALENT ASPBLG
	80077	0 A/R	COPPER RAIL, TIN PLATED, 30x10x2400	CUSTOM 30X10X2400
	80098	1	ENCLOSURE BUILT TO LATEST GCCB-1 AND GCCH-1 SPECIFICATIONS, 1500 mm H X 800 mm W X 400 mm D, RAL 7035 GRAY, 50 mm MOUNTING ANGLES, SUBPLATE, 1397 mm H X 669 mm W, 12 GAUGE MIN, GALVANIZED	HOFFMANN OR EQUIVALENT X2727
1 PE BAR	11080	2	BUSBAR SYSTEM, ACCESSORIES BUSBAR CENTER-TO-CENTER SPACING 60 mm N/PE BUSBAR HOLDER FOR BUSBARS 12X 5 (10)-30X 5 (10) AND 6X 6 mm, FREE-STANDING INSTALLATION OR ATTACHMENT TO 8US1923-2AA01	SIEMENS 8US1923-1AA01
	81430	0 A/R	COPPER RAIL, TIN PLATED, 30x5x2400	CUSTOM 30X5X2400
	11415	16	TERMINAL, BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR 5 mm BUSBAR THICKNESS 1,5-16 mm²	SIEMENS 8US1921-2AA00
	11417	5	TERMINAL, BUSBAR ADAPTER, 60 mm FAST BUS BUSBAR ADAPTER SYSTEM, FOR 5 mm BUSBAR THICKNESS 16-70 mm²	SIEMENS 8US1921-2AD00
2 PE LUG	80000	1	BLOCK, TERMINAL, WPE 50N, PE, 50mm², GREEN-YELLOW	WEIDMULLER 1846040000

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
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