

ECS-5138-TT

PROCESSOR POWER CIRCUIT BREAKER SETTINGS E404DISC

TM320 LI 3VA5195-6EC31-0AA0 $I_r = 15A$ I_i/A

SET: $I_i/A = 150 A$

APPLICATION NOTES:

- 1. TT IS THE TRANSFORMER TYPE (TT = 00 NO TRANSFORMER)
 - (TT = 02 FOR NORTH AMERICA 480V)
 - (TT = 03 FOR NON-NA REGIONS 380/400/416/440V) (TT = 04 FOR NON-NA REGIONS 380/416/440/480V)
 - 2. EXAMPLE PART NUMBER: ECS-5138-02 (THIS ECS WOULD HAVE THE NA 480 V TRANSFORMER OPTION)

DRAWING PACKAGE REVISION LEVEL: REL

LAST PART SELECTED WITH: GM_ePartsDB_202106

GM - STANDARD HARDWARE TEAM

GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAMS:

GREG DOPPKE

POWER DISTRIBUTION PANEL DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER TITLE AND REFERENCE SHEET DESCRIPTION:

SYSTEM/TOOL NO: DRAWING NUMBER: ECS-5138-TT

REFERENCE USED:

RELEASE DATE: 2021-10-14

SECTION SHEET 1 of 3

ENGINEERING MANAGER:

	SECTION	REV	SHEET	DESCRIPTION
Α	REFERENCE		1	TITLE AND REFERENCE SHEET
			2	TABLE OF CONTENTS
			3	REVISION SUMMARY SHEET
С	INTERCONNECT		1	INTERCONNECT
Ε	MAGNETICS		1	380 - 500 VAC POWER DISTRIBUTION
		2		380 - 500 VAC POWER DISTRIBUTION
	3		3	380 - 500 VAC POWER DISTRIBUTION
			4	24 VDC POWER ABOVE DISCONNECT
			5	120 VAC POWER BELOW DISCONNECT
Χ	ENCLOSURE		1	ENCLOSURE LAYOUT - FRONT AND SIDE
			2	ENCLOSURE LAYOUT - TOP
			3	DOOR TAG DETAILS
			4	SUBPLATE DETAIL
			5	SUBPLATE LAYOUT
			6	RECEPTACLE PIN CHART
			7	ENCLOSURE FOOTPRINT
YΑ	BILL OF		1	BOM CHANGE SHEET: ECS-5138-TT-BOM (BASE)
	MATERIAL		2	ECS-5138-TT-BOM (BASE)
			3	ECS-5138-TT-BOM (BASE)
YΒ	VARIABLE BOM		1	BOM CHANGE SHEET: ECS-5138-TT-BOM (TT OPTION)
			2	ECS-5138-TT-BOM (TT OPTION)
ΥZ	DEVICE LIST		1	DEVICE LIST
			2	DEVICE LIST

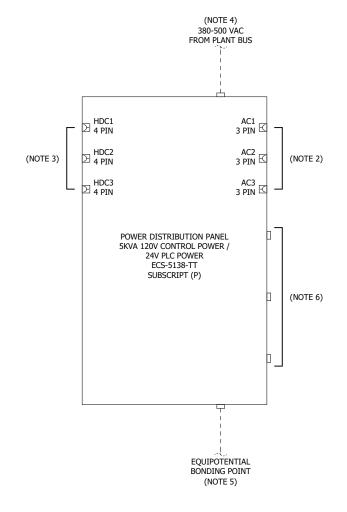
SECTION	REV	SHEET	DESCRIPTION

GM	GM - STANDARD	GM ENGINEER: HARDWARE	DESIGN SOURCE:	DESIGN LEADER: GREG	PACKAGE DESCRIPTION:	POWER DISTRIBUTION PANEL 5KVA 120V CONTROL POWER / 24V PLC POWER	SYSTEM/TOOL NO:	RELEASE DATE: 2021-10-14	REVISION LETTER:	SECTION LETTER:			
		TEAM		GREG DOPPKE	SHEET	TABLE OF CONTENTS	DRAWING NUMBER:		DATE:	Ι Δ	フ	or 3	
	IAL IS THE PROPERTY OF GENERAL MOTO ATERIAL FOR ANY PURPOSE OTHER THAN				DESCRIPTION:		ECS-5138-TT			' `	_	9	

PROJECT NAME: ECS-5138-TT_Rel(2021-10-14) STATUS: RELEASED

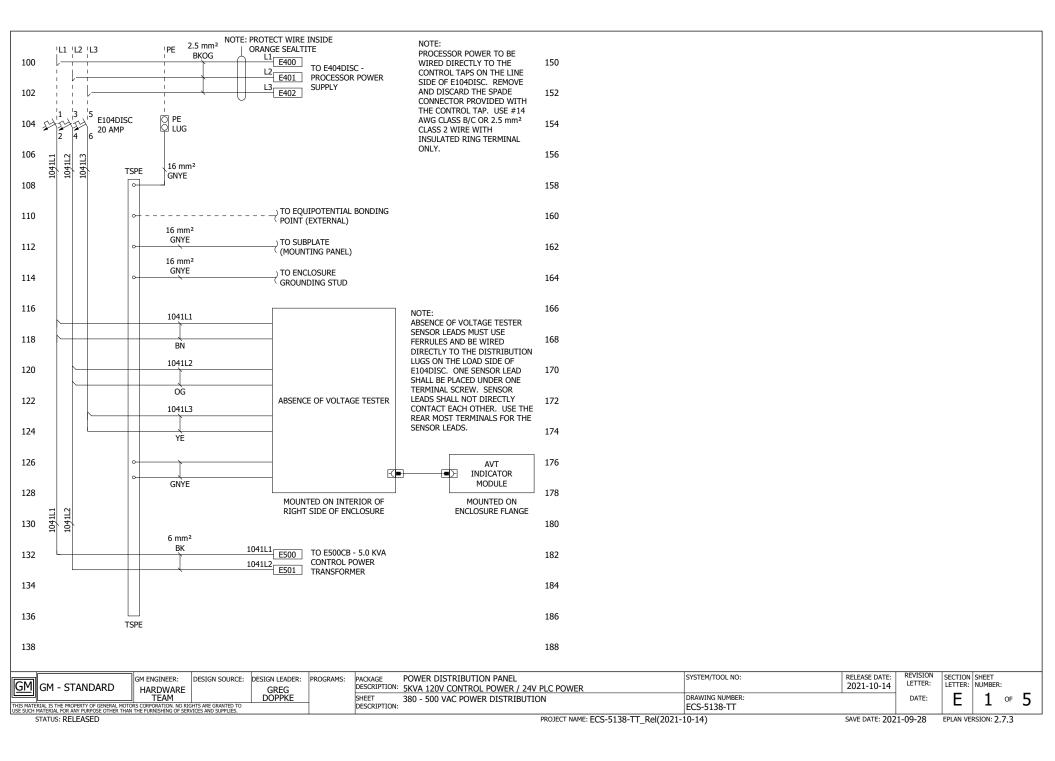
SAVE DATE: 2021-10-14 EPLAN VERSION: 2.7.3

REV SHEET AFFECTED	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY	REV	SHEET AFFECTED	CHANGE DESCRIPT:	ION	DATE	CHANGE CODE	CHANGED BY			
													CHANGE CC	DE
												R PLA	DUCT CHAI	Т
												MD ME	CHANICAL P	ROCESS
												CP COI	ITROL PRO	ESS CHA
												M MEG	CHANICAL D	ESIGN
												C COL	ITROL DESI	GN CHAN
												F FLC	OR AND BU	ILD
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	GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRA	AMS: PACKAG	ie PO\	WER DISTR	IBUTIC	N PANEL		SYSTEM/TOOL NO:		REL	EASE DATE:	REVISION LETTER:	SECTION SH	EET
GM - STANDARD	HARDWARE GREG	DESCRII SHEET	PTION: 5KV RFV	/A 120V CC /ISION SUN	NTROL	POWER /	24V PLC POWER	DRAWING NUMBER:		20	21-10-14	DATE:	A LETTER: NI	MBER:
ERIAL IS THE PROPERTY OF GENERAL MOTOR I MATERIAL FOR ANY PURPOSE OTHER THAN T	S CORPORATION. NO RIGHTS ARE GRANTED TO THE FURNISHING OF SERVICES AND SUPPLIES.	DESCRI	PTION:	.101011 001	1/ 11 11	J. ILL I	DROJECT NAME, ECC E120 TT Dol/2021	ECS-5138-TT			E DATE: 202		EDI ANI VERCI	



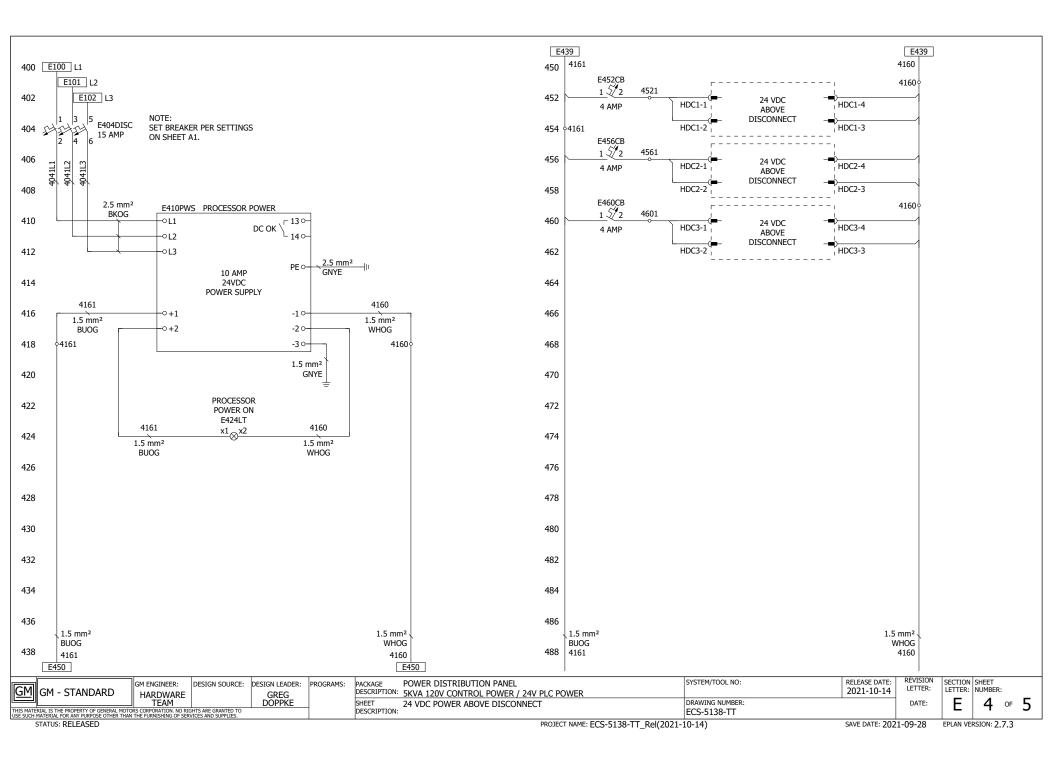
NOTES:

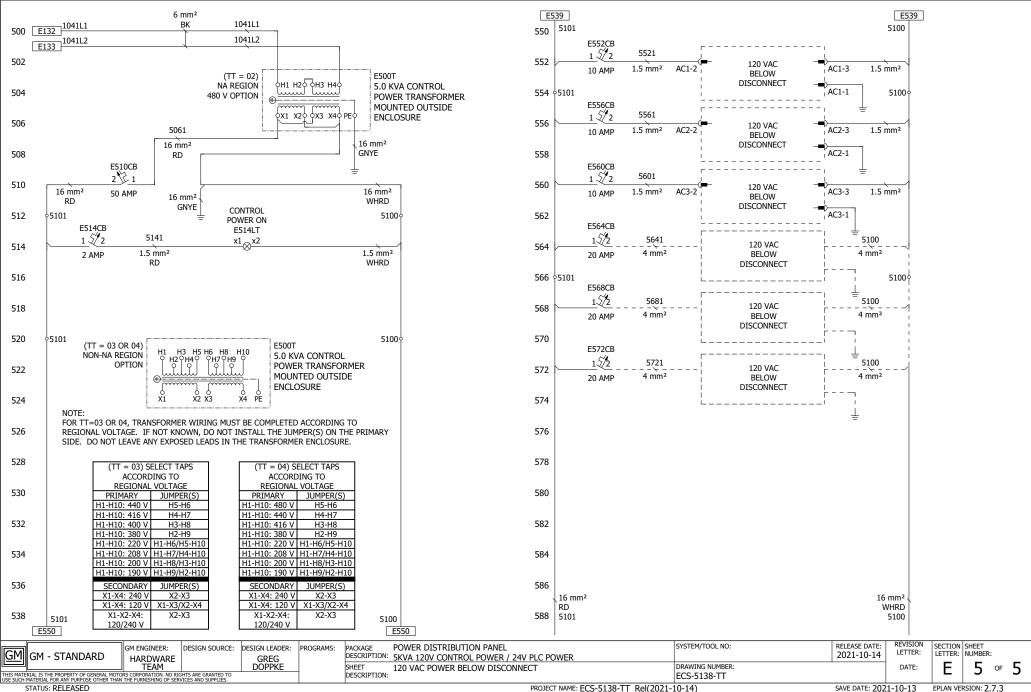
- 1. THIS ENCLOSURE DOES NOT CONTAIN BRANCH CIRCUITS.
- 2. USE ACX RECEPTACLES TO FEED 120 VAC TO PANELS AND DEVICES REQUIRING AC POWER.
- 3. USE HDCx RECEPTACLES TO FEED 24 VDC TO PANELS AND DEVICES REQUIRING "HOT" DC POWER.
- 4. USE ONLY WIRE SIZE AND STRAND CLASS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REMOVE INSULATION FROM WIRE AND TORQUE TERMINALS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5. EQUIPOTENTIAL BONDING CONNECTION REQUIRED. REFERENCE APPLICATION WD.
- 6. THERE ARE THREE CIRCUITS (E564CB E572CB) AVAILABLE FOR HARDWIRED 120 VAC LOADS.
- COVERS ARE REQUIRED FOR UNUSED RECEPTACLES. THESE COVERS ARE NOT INCLUDED WITH THIS ENCLOSURE.

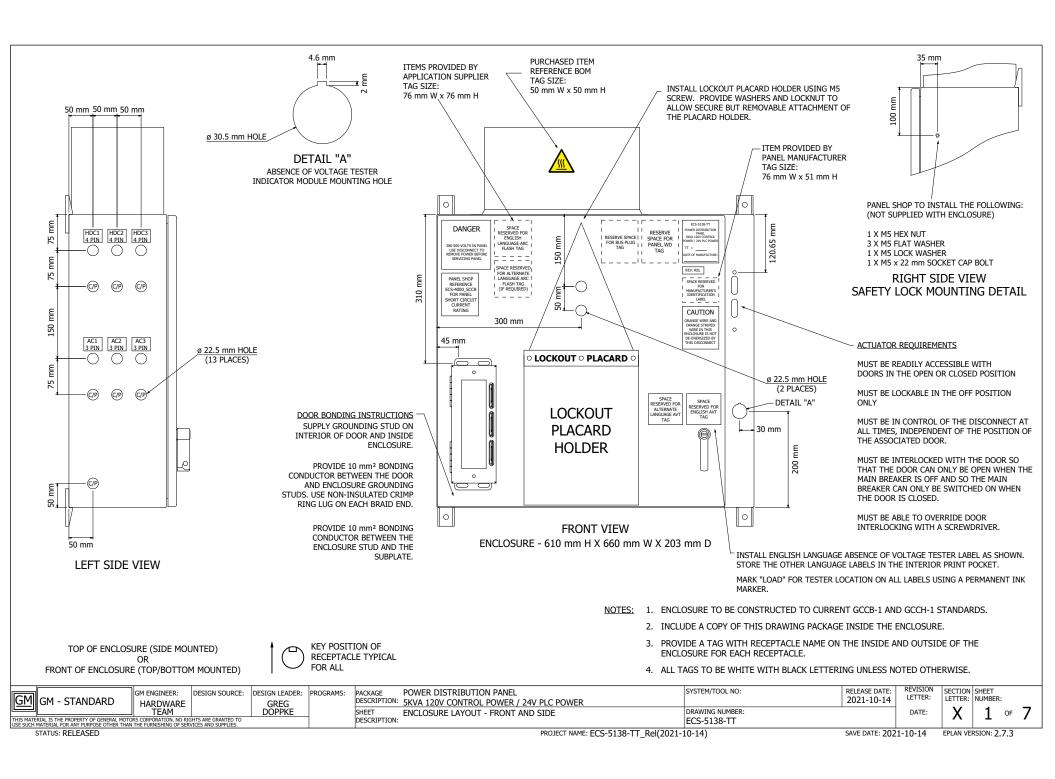


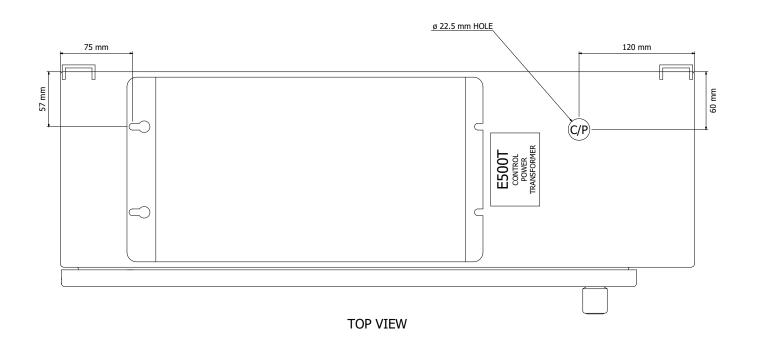
200	250					
202	252					
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212	262					
214	264					
216	266					
218	268					
220	270					
222	272					
224	274					
226	276					
228	278					
230	280					
232	282					
234	284					
236	286					
238	288					
GM CM CTANDARD GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAMS:	PACKAGE POWER DISTRIBUTION PANEL	SYSTEM/TOOL NO: RELEASE DATE: 2021-10-14	REVISION LETTER:	SECTION S LETTER: N	HEET IUMBER	
TEAM DOPPKE	DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER SHEET 380 - 500 VAC POWER DISTRIBUTION	DRAWING NUMBER:	DATE:	E	2 of	5
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	DESCRIPTION: PROJECT NAME: ECS-5138-TT Rel(2021-1	ECS-5138-TT 0-14) SAVE DATE: 202		EPLAN VERS		

300	350					
302	352					
304	354					
306	356					
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324	374					
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328	378					
330	380					
332	382					
334	384					
336	386					
338	388					
GM - STANDARD GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAMS: GREG	PACKAGE POWER DISTRIBUTION PANEL SESTIMATION FOR A SOLVED CONTROL OF A SOLVED CONTROL	YSTEM/TOOL NO: RELEASE DATE: 2021-10-14	REVISION LETTER:	SECTION S LETTER:	SHEET NUMBER:	
I IEAM I DOPPRE I	DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER SHEET 380 - 500 VAC POWER DISTRIBUTION	RAWING NUMBER:	DATE:	E	3 OF	· 5
THIS MATERIAL IS THE PROPERTY OF CENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES. STATUS: RELEASED	DESCRIPTION: FROJECT NAME: ECS-5138-TT Rel(2021-10	CS-5138-TT	-09-09	EPLAN VERS		

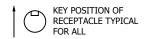








TOP OF ENCLOSURE (SIDE MOUNTED)
OR
FRONT OF ENCLOSURE (TOP/BOTTOM MOUNTED)



NOTES: 1. ENCLOSURE TO BE CONSTRUCTED TO CURRENT GCCB-1 AND GCCH-1 STANDARDS.

- 2. INCLUDE A COPY OF THIS DRAWING PACKAGE INSIDE THE ENCLOSURE.
- 3. PROVIDE A TAG WITH RECEPTACLE NAME ON THE INSIDE AND OUTSIDE OF THE ENCLOSURE FOR EACH RECEPTACLE.
- 4. ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.

REVISION LETTER: SECTION SHEET LETTER: NUMBER: SYSTEM/TOOL NO: RELEASE DATE: GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAMS: POWER DISTRIBUTION PANEL 2021-10-14 MARDWARE
THIS MATERIAL IS THE PROPERTY OF GENERAL MOTIORS CORPORATION. OR RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE PURPISHING OF SERVICES AND SUPPLIES. DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER GREG DOPPKE 2 of 7 ENCLOSURE LAYOUT - TOP DRAWING NUMBER: DESCRIPTION: ECS-5138-TT

DANGER

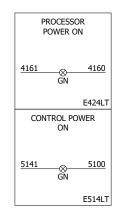
TAG SIZE: 102 mm W x 102 mm H WHITE TEXT ON RED BACKGROUND

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

TAG SIZE:

PANEL SHOP **REFERENCE** ECS-4000 SCCR FOR PANEL SHORT CIRCUIT **CURRENT RATING**

76 mm W x 89 mm H



TAG SIZE: 76 mm W x 89 mm H

ECS-5138-TT

POWER DISTRIBUTION **PANEL** 5KVA 120V CONTROL POWER / 24V PLC POWER

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

TT =

DATE OF MANUFACTURE:

TAG SIZE: 45 mm W x 15 mm H

REV: REL

TAG SIZE: 76 mm W x 89 mm H **BLACK TEXT ON** YELLOW BACKGROUND

CAUTION

ORANGE WIRE AND **ORANGE STRIPED** WIRE IN THIS **ENCLOSURE IS NOT** DE-ENERGIZED BY THIS DISCONNECT

TAG SIZE: 76 mm W x 38 mm H (NOTE 3)

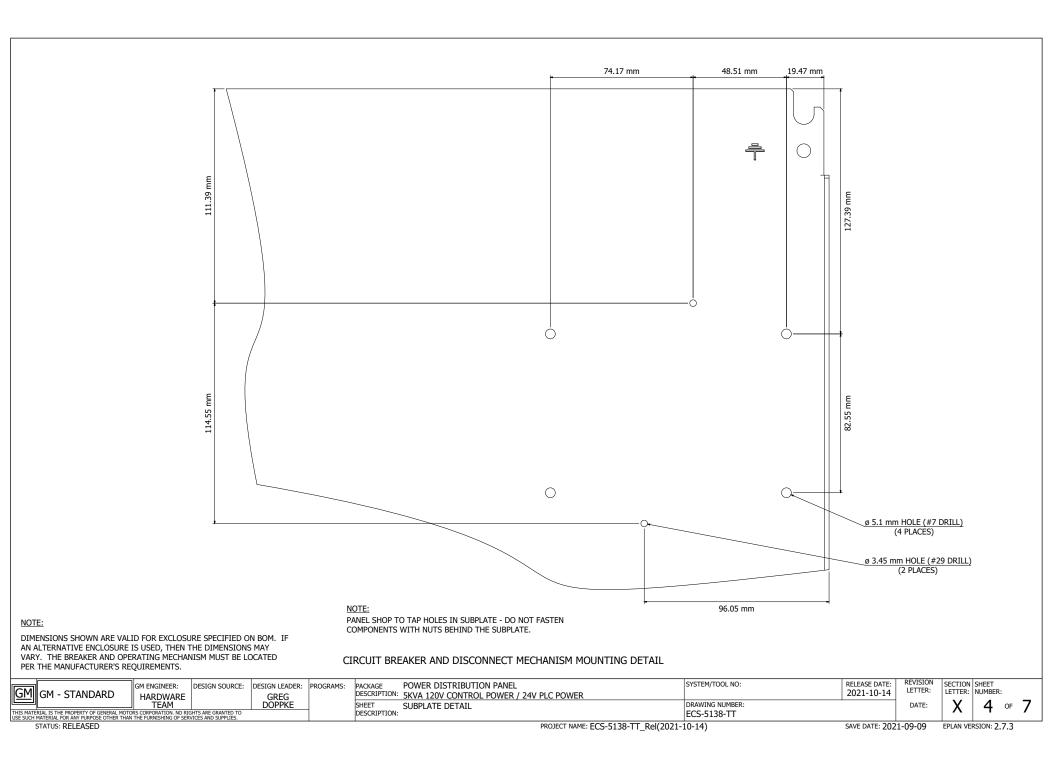
INPUT: 380-500 3Ø(50/60Hz) 13.1A OUTPUT: 120 VAC (ACx) 41A 24 VDC (HDCx) 4A

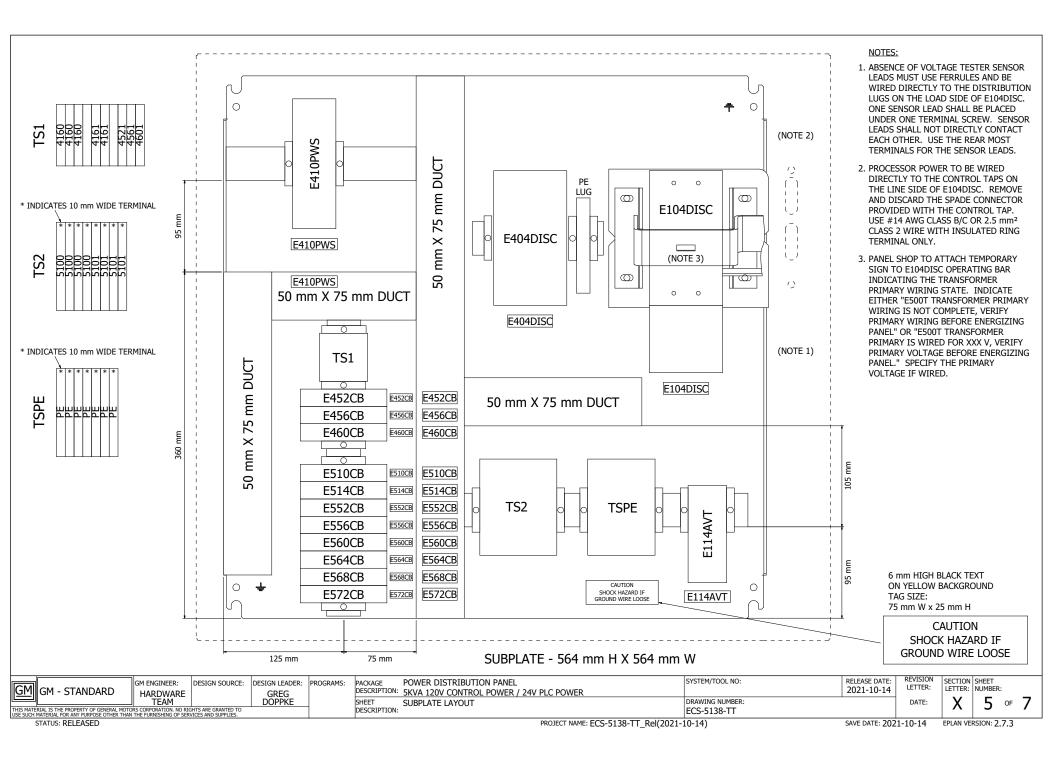
NOTES: 1. ALL TAGS TO BE WHITE WITH BLACK LETTERING UNLESS NOTED OTHERWISE.

- 2. WIRE NUMBERS AND PUSHBUTTON COLOR SHOWN ON TAGS FOR WIRING PURPOSES ONLY. DO NOT MARK WIRE NUMBERS OR PB COLOR ON TAGS.
- 3. PROVIDE POWER TAG ON THE FRONT OF ENCLOSURE OR ON THE INSIDE OF THE DOOR. MANUFACTURER SPECIFIC TAGGING WITH EQUIVALENT INFORMATION IS ALLOWED.

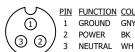
REVISION POWER DISTRIBUTION PANEL SYSTEM/TOOL NO: RELEASE DATE: SECTION SHEET GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAMS: LETTER: 2021-10-14 GM - STANDARD DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER HARDWARE GREG 3 of 7 TEAM SHEET DRAWING NUMBER: DOOR TAG DETAILS DESCRIPTION: ECS-5138-TT

PROJECT NAME: ECS-5138-TT Rel(2021-10-14) SAVE DATE: 2021-10-13 STATUS: RELEASED EPLAN VERSION: 2.7.3





MINI CONNECTOR FEMALE - FACEVIEW



PIN FUNCTION COLOR 1 GROUND GNYE 2 POWER

MINI CONNECTOR FEMALE - FACEVIEW



PIN FUNCTION

- 1 +24V SWITCHED BN
- 2 +24V UNSWITCHED WH 3 OV UNSWITCHED - BU
- 4 0V SWITCHED

THE RECEPTACLE WIRES SHALL HAVE THE RECEPTACLE NUMBER AND PIN NUMBER LABELED ON BOTH ENDS.



WIRE	ABBREV
COLOR	ADDICEV
BLACK	BK
BROWN	BN
RED	RD
ORANGE	OG
YELLOW	YE
GREEN	GN
BLUE	BU
VIOLET	VT
GRAY	GY
WHITE	WH
PINK	PK
GOLD	GD
TURQUOISE	TQ
SILVER	SR
GREEN WITH YELL TRACER	-OW GNYE
BLACK WITH ORAI TRACER	NGE BKOG
BLUE WITH ORAN TRACER	IGE BUOG
WHITE WITH RE TRACER	D WHRD
WHITE WITH ORA TRACER	NGE WHOG
WHITE WITH BL TRACER	UE WHBU

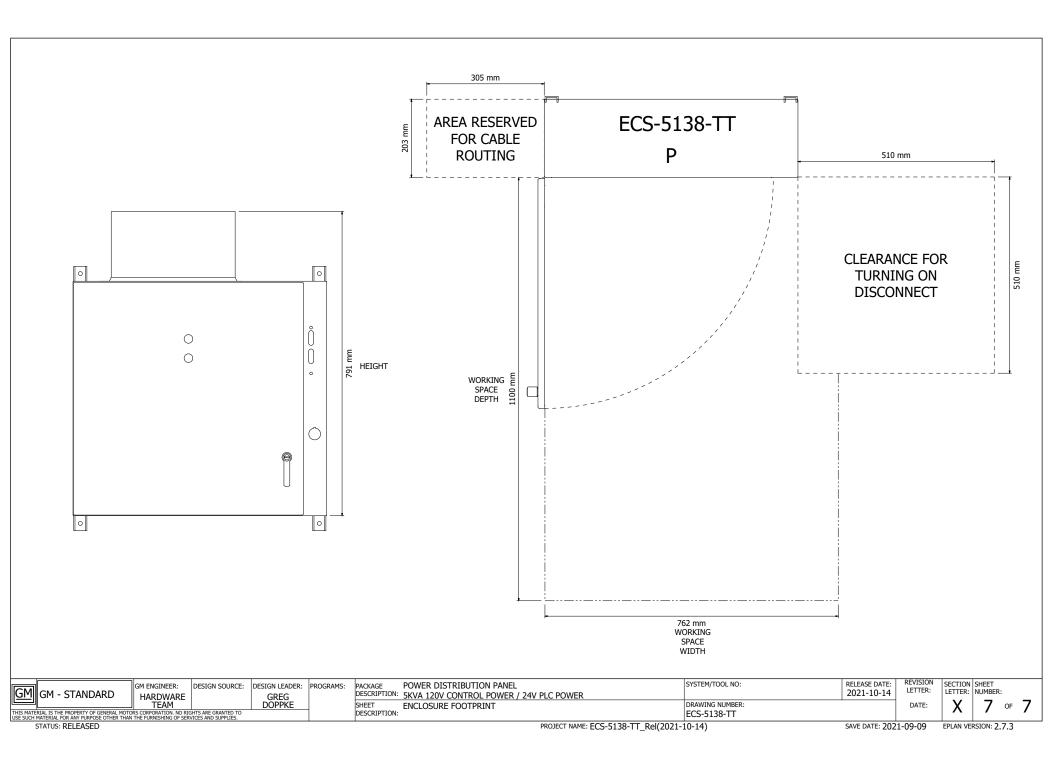
NOTE:

SHORTING. ALL WIRES ARE TO BE BLUE (BU) UNLESS OTHERWISE SPECIFIED (MINI AND MICRO RECEPTACLE WIRE COLORS TO BE IN COMPLIANCE WITH THE ASSOCIATED IEC OR ANSI STANDARD).

ALL UNUSED RECEPTACLE WIRES SHOULD HAVE ENDS PROTECTED WITH TAPE TO PREVENT UNINTENTIONAL

GM GM - STANDARD	GM ENGINEER: HARDWARE	DESIGN SOURCE:	DESIGN LEADER: GREG	PROGRAMS:	PACKAGE DESCRIPTION:	POWER DISTRIBUTION PANEL 5KVA 120V CONTROL POWER / 24V PLC POWER	SYSTEM/TOOL NO:	RELEASE DATE: 2021-10-14	REVISION LETTER:	SECTION LETTER:		
	TEAM		DOPPKE		SHEET	RECEPTACLE PIN CHART	DRAWING NUMBER:		DATE:	X	6 of 7	1
THIS MATERIAL IS THE PROPERTY OF GENERAL MOTO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN			•		DESCRIPTION:		ECS-5138-TT			^	,	
STATUS: RELEASED					•	PROJECT NAME:	FCS-5138-TT Rel(2021-10-14)	SAVE DATE: 202	1-09-09	FPI AN VE	RSION: 2 7 3	

STATUS: RELEASED PROJECT NAME: ECS-5138-11_Rel(2021-10-14) SAVE DATE: 2021-09-09 EPLAN VERSION: 2./.3



	REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY	REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY	
F		HOLIBER			0002	5.		NOTIBER			0002	51	
													CHANGE CODE PR PRODUCT CHANGE
													R PLANT REQUEST
													MP MECHANICAL PROCESS CHANGE
													CP CONTROL PROCESS CHANGE
													M MECHANICAL DESIGN CHANGE
													ELOOD AND BUT D
							L						F FLOOR AND BUILD CHANGE
_													
_			GM ENGINEER: DESIGN SOURCE: DESIGN LEADER: PROGRAM	1S: PACKAG	e POV	WER DISTRI	BUTIO	n Panel	SYSTEM/TOOL NO:		RE	LEASE DATE:	REVISION SECTION SHEET LETTER: NUMBER:
<u>G</u> M	[] GI	4 - STANDARD	HARDWARE GREG DOPPKE DOPPKE DIE FREMSHING OF SERVICES AND SUPPLIES.	DESCRI	PTION: 5KV	/A 120V COM	NTROL	POWER /	24V PLC POWER		20)21-10-14	
THIS MA	TERIAL I	S THE PROPERTY OF GENERAL MOTO	JI I CAIVI UUPPKE DRS CORPORATION. NO RIGHTS ARE GRANTED TO ATHE FILINISHING OF SERVICES AND SLIPPITES.	SHEET DESCRI	PTION: BON	M CHANGE S	HEET:	ECS-5138	B-TT-BOM (BASE) DRAWING NUMBER: ECS-5138-TT				DATE: YA 1 OF 3
	CTAT	US: RELEASED	SERVICES PRO SOLICES						PROJECT NAME: ECS-5138-TT Rel(2021-10-14)		CA1	VE DATE: 202	1-10-14 EPLAN VERSION: 2,7,3

BOM NAME:

ECS-5138-TT-BOM (BASE)

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
	11102	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 125, W/ ADAPTER PLATE	SIEMENS	3VA9138-0DK84	В3		
	11106	1	BREAKER 3VA FRONT MOUNTED ROTARY OPERATOR FMRO FOR 3VA51 GRAY STANDARD WITHOUT ILLUMINATION KIT WITHOUT DOOR INTERLOCK WITHOUT DOOR OPENING FUNCTION WITH HANDLE NEMA 1	SIEMENS	3VA9137-0EK11	В3		
	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	В3		
	11120	3	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125	SIEMENS	3VA9131-0WD31	В3		
	11140	1	WIRE CONNECTOR FOR 6 CABLES; 3 PCS.; INCL. TERMINAL COVER EXTENDED WITH PROBE HOLES FOR VOLTAGE TEST; ACCESSORY FOR: 3VA4/5 125	SIEMENS	3VA9133-0JF68	В3		
	11218	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 2 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS	5SJ4102-7HG40	B2		
	11220	3	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 4 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS	5SJ4104-7HG40	B2		
	11225	3	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 10 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS	5SJ4110-7HG40	B2		
	11227	3	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 20 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS	5SJ4120-7HG40	B2		
	11232	1	MINIATURE CIRCUIT BREAKER 240 V 10KA, 1-POLE, C, 50 A, D=70 mm ACCORDING TO UL 489, EQUAL POLARITY	SIEMENS	5SJ4150-7HG40	B2		
	11350	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=20A OVERLOAD PROTECTION IR=20A FIXED SHORT-CIRCUIT PROTECTION II=15 X IN WITHOUT CONNECTION	SIEMENS	3VA5120-6ED31-0AA0	В3		
	12504	2	INDICATOR LIGHT, 22 mm, ROUND, METAL, SHINY, GREEN, SMOOTH LENS	SIEMENS	3SU1051-6AA40-0AA0	В3		
	12630	2	HOLDER FOR 3 MODULES, METAL	SIEMENS	3SU1550-0AA10-0AA0	В3		
	12644	1	LED MODULE WITH INTEGRATED LED, 24V AC/DC, GREEN, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING	SIEMENS	3SU1401-1BB40-3AA0	В3		
	12654	1	LED MODULE WITH INTEGRATED LED, 24-240V AC/DC, GREEN, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING	SIEMENS	3SU1401-1BH40-3AA0	В3		
	12700	10	BLOCK, TERMINAL, SPRING CLAMP, 600 V, ZDU 2.5-2/3AN, 20 A UL, 26 - 12 AWG, 0.5 - 2.5 mm², FINGER SAFE, 3 POLE SINGLE CIRCUIT, 5 mm, BEIGE	WEIDMULLER	1706010000	B2-N		
	12701	1	BLOCK, TERMINAL, END BARRIER FOR ZDU 2.5-2/3AN 1706010000, BEIGE	WEIDMULLER	1706110000	B2-N		
	12702	0 A/R	BLOCK, TERMINAL, JUMPERS, 2 POLE, ZQV 2.5/2, TOP MOUNT, 5 mm, FOR ZDU 2.5-2/3AN 1706010000	WEIDMULLER	1608860000	B2-N		
	12703	0 A/R	BLOCK, TERMINAL, MARKING TAG, WS 12/5, 12 X 5 mm, FOR ZDU 2.5-2/3AN 1706010000	WEIDMULLER	1609860000	B2-N		
	12712	16	BLOCK, TERMINAL, END ANCHORS - DIN RAIL, EW 35, BEIGE	WEIDMULLER	0383560000	B2-N		
	12730	8	BLOCK, TERMINAL, SPRING CLAMP, 600 V, ZDU 10/3AN, 60 A UL, 16 - 6 AWG, 1.5 - 16 mm², FINGER SAFE, 3 POLE SINGLE CIRCUIT, 10 mm, BEIGE	WEIDMULLER	1767690000	B2-N		
	12731	3	BLOCK, TERMINAL, END BARRIER, FOR ZDU 10/3AN 1767690000 AND ZDU 16/3AN 1768320000, BEIGE	WEIDMULLER	1749580000	B2-N		
	12732	0 A/R	BLOCK, TERMINAL, JUMPERS, 2 POLE, ZQV 10/2, TOP MOUNT, FOR ZDU 10/3AN 1767690000	WEIDMULLER	1739680000	B2-N		
	12733	0 A/R	BLOCK, TERMINAL, MARKING TAG, WS 10/8, 10 X 8 mm, FOR ZDU 10/3AN 1767690000	WEIDMULLER	1906030000	B2-N		
	12734	8	BLOCK, TERMINAL, SPRING CLAMP, GROUND, 600 V, ZPE 10/3AN, 16- 6 AWG, 1.5 - 16 mm², FINGER SAFE, 3 POLE SINGLE CIRCUIT, 10 mm, GREEN-YELLOW	WEIDMULLER	1767670000	B2-N		

GM GM - STANDARD GM ENGINEER: DESIGN SOURCE: DESIGN LE	R: PROGRAMS:	5: PACKAGE POWER DISTRIBUTION PANEL DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER	SYSTEM/TOOL NO: RELEASE DA' 2021-10-:	✓ LETTER:			: _
TEAM DOPPH THIS MATERIAL IS THE PROPERTY OF GENERAL MOTIOS CORPORATION, NO RIGHTS ARE GRANTED TO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FUNDASHING OF SERVICES AND SUPPLIES.		SHEET ECS-5138-TT-BOM (BASE) DESCRIPTION:	DRAWING NUMBER: ECS-5138-TT	DATE:	YA	2	OF 3

BOM NAME:

ECS-5138-TT-BOM (BASE)

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.

M REV	ITEM NUMBER	QUANTITY	PART DESCRIPTION	MANUFACTURER	PART NUMBER	SOURCE	GCCL REFERENCE	COMMENTS
	15742	3	CORD, RECEPTACLE, MINI 3 PIN, FEMALE-INTERNAL THREADS, 2 METER (6.56 FT) PIGTAIL - 1/2 INCH NPT, AC C.C., 16 AWG, 600V, 13A	WOODHEAD - MOLEX	1R3000A20M020	B2		
	15762	3	CORD, RECEPTACLE, MINI 4 PIN DC, FEMALE, INTERNAL THREAD, 2 METER (6.56 FT) PIGTAIL, 1/2 INCH -14 NPT, 16 AWG, 10A, 600V	WOODHEAD - MOLEX	1R4000A39M020	B2		
	15875	0 A/R	3/8 INCH - NPT GASKET SEAL FOR MINI RECEPTACLE	WOODHEAD - MOLEX	00-5090	B1-N		
	15876	0 A/R	LOCKING NUT FOR MINI RECEPTACLE	WOODHEAD - MOLEX	30-1100	B1-N		
	75106	0 A/R	DUCT,50 mm W X 75 mm H, WITH COVER	TEHALIT	DNG75050	B1-N		
	75120	0 A/R	STANDARD MOUNTING RAIL 35X27X15,1.5mm THICK, 2 METERS LONG	PHOENIX	0806602	B1-N		
	75150	2	GROUNDING STRAP, COPPER BRAID 10 mm² X 200 mm LONG WITH 6 mm HOLES, FOR BONDING OF ENCLOSURES	RITTAL OR EQUIVALENT	2412210	B1-N		
	75600	8	HOLE PLUG, 22.5mm DIAMETER	SIEMENS	3SU1900-0FA11-0AA0	B1-N		
	75709	1	KEYLOCK BOX, 9.5" X 3" X1.5"	SAGINAW BAS	SCE-KLB 018115	B2-N		
	75804	0 A/R	TAGS, FOR PUSHBUTTONS & LIGHTS, 48mm X 48MM, WITH 4mm (0.15 INCH) (16PT) FONT, BLACK TEXT ON WHITE BACKGROUND	CUSTOM	GENERIC TAG - PBPL	M-N		
	75805	0 A/R	TAGS, PANEL, STICK ON OR LAMICOID, MINIMUM FONT SIZE - 5mm (20PT)	CUSTOM	GENERIC TAG - PANEL	M-N		
	75813	1	LABEL, WARNING, PICTOGRAM FOR HOT SURFACE, 50 mm H X 50 mm W	BRADY	Y5062718	B1-N		
	75814	1	SAFETY, HOLDER, PLACARD, FOR 11" X 8.5" GRAPHIC AND 11" X 8.5" LOCKOUT LIST SHEETS, GMT RED, SCREEN PRINT "LOCKOUT PLACARD", (3) 8.5" X 11" PRINT POCKET SAVERS, HARDWARE INCLUDED (PORTRAIT)	WECO OR EQUIVALENT	GMT-LOLP	B1-N		
	80010	1	ENCLOSURE BUILT TO LATEST GCCB-1 AND GCCH-1 SPECIFICATIONS, RAL7035 GRAY, 610 mm H X 660 mm W X 203 mm D	HOFFMAN OR EQUIVALENT	CDSC24268LG	B1-N		
	80011	1	SUBPLATE, GALVANIZED, 564 mm H X 564 mm W	HOFFMAN OR EQUIVALENT	CP2424G	B1-N		
	80012	1	WALL MOUNTING BRACKET WITH MOUNTING HARDWARE, PACKAGE CONTAINS (4) BRACKETS	HOFFMAN OR EQUIVALENT	CMFK	B1-N		
	80013	1	DATA POCKET, 152mm H X 152mm W, MOUNTING HARDWARE INCLUDED.	HOFFMAN OR EQUIVALENT	ADP1	B1-N		
	80030	0 A/R	RING TERMINALS, BLUE VINYL-INSULATED, 14 - 16 AWG (1.5 - 2.5 mm²), #4 (M2.5) STUD	PANDUIT	PV14-4R-C	B2		
	80040	1	VERISAFE ABSENCE OF VOLTAGE TESTER, 8' (2.4 m) SYSTEM CABLE, 10' (3.1 m) SENSOR LEADS	PANDUIT	VS-AVT-C08-L10	В3		
	80041	0 A/R	FERRULE, NON-INSULATED, #14 AWG, 12 mm LENGTH, FOR AVT SENSOR LEAD	PANDUIT	F80-12-M	B2		
	80042	1	LITHIUM BATTERY, 3.6 V, SIZE AA	TADIRAN XENO ENERGY SAFT	TL-5903 XLP-060F LS14500	REF		
	80050	1	WIRE CONNECTOR WITH CONTROL WIRE VOLTAGE TAP-OFF 3 UNITS ACCESSORY FOR: 3VA4/5 125	SIEMENS	3VA9133-0JG11	В3		
	80060	1	POWER SUPPLY, SITOP, PSU6200, INPUT: 400-500 VAC, OUTPUT: 24 VDC / 10 A	SIEMENS	6EP3434-7SB00-3AX0	В3		
	80070	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM230, FTAM, IN=15A OVERLOAD PROTECTION IR=15A FIXED SHORT-CIRCUIT PROTECTION II=510 X IN WITHOUT CONNECTION	SIEMENS	3VA5195-6EC31-0AA0	В3		

IICMIII CAA CTANDADD	IGINEER: DESIGN SOURCE:	DESIGN LEADER: GREG	PACKAGE POWER DISTRIBUTION PANEL DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER		021-10-14	REVISION LETTER:	SECTION S LETTER:		
THIS MATERIAL IS THE PROPERTY OF GENERAL MOTORS CORPO USE SUCH MATERIAL FOR ANY PURPOSE OTHER THAN THE FURN	TEAM DRATION, NO RIGHTS ARE GRANTED TO	GREG DOPPKE	SHEET ECS-5138-TT-BOM (BASE) DESCRIPTION:	DRAWING NUMBER: ECS-5138-TT		DATE:	YA	3 (of 3

RE	V I⊓	TEM CHANGE DESCRIPTION	N DAT	E CHANGE CODE	CHANGED BY	REV	ITEM NUMBER	CHANGE DESCRIPTION	DATE	CHANGE CODE	CHANGED BY
		I							1	1	1
71	Ch:	GM ENGINEER: DESIGN SOURCE	E: DESIGN LEADER: PROGRAMS: PA	CKAGE PO	WER DISTR	IBUTIO	N PANEL	SYSTEM/TOOL NO:		RE	LEASE DATE:
<u>'</u> "	GM -	STANDARD GREGIERER: DESIGN SOURCE HARDWARE TEAM PROPERTY OF GENERAL MOTORS CORPORATION, NO RIGHTS ARE GRANTED TO OR ANY MURPOSE OTHER THAN THE PURNISHING OF SERVICES AND SUPPLIES. RELEASED	GREG DOPPKE SH	EET BO	va 120v coi M Change :	NTROL SHEET:	POWER / ECS-5138	24V PLC POWER -TT-BOM (TT OPTION) DRAWING NUMBER:		20)21-10-14
H P	RIAL IS THE MATERIAL FO	PROPERTY OF GENERAL MOTORS CORPORATION. NO RIGHTS ARE GRANTED TO OR ANY PURPOSE OTHER THAN THE FURNISHING OF SERVICES AND SUPPLIES.	DE DE	SCRIPTION:				PROJECT NAME: FCS-5138-TT Rel/2021-10-14\		ÇA\	/F DATE: 202

BOM NAME:

ECS-5138-TT-BOM (TT 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
	16543	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 480-240 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS	1D1N005	B2		TT=02. THIS IS THE NORTH AMERICA OPTION (480 VAC)
	16553	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 440-416-400-380-220-208-200-190 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS	1H1N005CE	B2		TT=03. THIS IS THE NON-NORTH AMERICA OPTION (440/416/400/380 VAC)
	16563	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 480-440-416-380-240-220-208-190 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS	1X1N005CE	B2		TT=04. THIS IS THE NON-NORTH AMERICA OPTION (480/440/416/380 VAC)

GM - STANDARD

GM ENGINEER: HARDWARE TEAM

DESIGN SOURCE: GREG DOPPKE

DESIGN LEADER: PROGRAMS:

POWER DISTRIBUTION PANEL DESCRIPTION: 5KVA 120V CONTROL POWER / 24V PLC POWER ECS-5138-TT-BOM (TT OPTION) DESCRIPTION:

SYSTEM/TOOL NO: DRAWING NUMBER: ECS-5138-TT

RELEASE DATE: 2021-10-14 REVISION LETTER: SECTION SHEET

DEVICE LIST

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER		
E104DISC	11102	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 125, W/ ADAPTER PLATE	SIEMENS 3VA9138-0DK84		
	11120	1	TERMINAL COVER 3 POLE; 1 PC. WITH PROBE HOLES FOR VOLTAGE TESTING ACCESSORY FOR: 3VA4/5 125	SIEMENS 3VA9131-0WD31		
	11140	1	WIRE CONNECTOR FOR 6 CABLES; 3 PCS.; INCL. TERMINAL COVER EXTENDED WITH PROBE HOLES FOR VOLTAGE TEST; ACCESSORY FOR: 3VA4/5 125	SIEMENS 3VA9133-0JF68		
	11350	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM210, FTFM, IN=20A OVERLOAD PROTECTION IR=20A FIXED SHORT-CIRCUIT PROTECTION II=15 X IN WITHOUT CONNECTION	SIEMENS 3VA5120-6ED31-0AA		
	80030	0030 0 RING TERMINALS, BLUE VINYL-INSULATED, 14 - 16 AWG (1.5 - 2.5 mm²), #4 (M2.5) STUD				
	80050	1	WIRE CONNECTOR WITH CONTROL WIRE VOLTAGE TAP-OFF 3 UNITS ACCESSORY FOR: 3VA4/5 125	SIEMENS 3VA9133-0JG11		
E114AVT ABSENCE OF VOLTAGE TESTER	80040	1	VERISAFE ABSENCE OF VOLTAGE TESTER, 8' (2.4 m) SYSTEM CABLE, 10' (3.1 m) SENSOR LEADS	PANDUIT VS-AVT-C08-L10		
IESIER	80041	0 A/R	FERRULE, NON-INSULATED, #14 AWG, 12 mm LENGTH, FOR AVT SENSOR LEAD	PANDUIT F80-12-M		
	80042	1	LITHIUM BATTERY, 3.6 V, SIZE AA	TADIRAN TL-5903 XENO ENERGY XLP-060F		
E404DISC	11106	1	BREAKER 3VA FRONT MOUNTED ROTARY OPERATOR FMRO FOR 3VA51 GRAY STANDARD WITHOUT ILLUMINATION KIT WITHOUT DOOR INTERLOCK WITHOUT DOOR OPENING FUNCTION WITH HANDLE NEMA 1	SIEMENS 3VA9137-0EK11		
	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		
	80070	1	CIRCUIT BREAKER 3VA5 UL FRAME 125 BREAKING CAPACITY CLASS H 65KA @ 480V 3-POLE, LINE PROTECTION TM230, FTAM, IN=15A OVERLOAD PROTECTION IR=15A FIXED SHORT-CIRCUIT PROTECTION II=510 X IN WITHOUT CONNECTION	SIEMENS 3VA5195-6EC31-0AA(
E410PWS POWER SUPPLY	80060	1	POWER SUPPLY, SITOP, PSU6200, INPUT: 400-500 VAC, OUTPUT: 24 VDC / 10 A	SIEMENS 6EP3434-7SB00-3AX0		
E424LT PROCESSOR POWER ON	12504	1	INDICATOR LIGHT, 22 mm, ROUND, METAL, SHINY, GREEN, SMOOTH LENS	SIEMENS 3SU1051-6AA40-0AA0		
	12630	1	HOLDER FOR 3 MODULES, METAL	SIEMENS 3SU1550-0AA10-0AA0		
	12644	1	LED MODULE WITH INTEGRATED LED, 24V AC/DC, GREEN, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING	SIEMENS 3SU1401-1BB40-3AA		
E452CB	11220	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 4 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4104-7HG40		
E456CB	11220	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 4 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4104-7HG40		
E460CB	11220	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 4 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4104-7HG40		

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
E.900% CONTROL POWER TRANSFORMER MOUNTED OUTSIDE	16543	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 480-240 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS 1D1N005
ENCLOSURE	16553	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 440-416-400-380-220-208-200-190 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS 1H1N005CE
	16563	1	TRANSFORMER, CONTROL, 5 KVA, PRIMARY 480-440-416-380-240-220-208-190 V, SECONDARY 240-120 V, 1 PHASE, 50/60 HZ, IP54, 115 °C RISE, 40 °C AMBIENT	SIEMENS 1X1N005CE
E510CB	11232	1	MINIATURE CIRCUIT BREAKER 240 V 10KA, 1-POLE, C, 50 A, D=70 mm ACCORDING TO UL 489, EQUAL POLARITY	SIEMENS 5SJ4150-7HG40
E514CB	11218	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 2 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4102-7HG40
E514LT CONTROL POWER ON	12504	1	INDICATOR LIGHT, 22 mm, ROUND, METAL, SHINY, GREEN, SMOOTH LENS	SIEMENS 3SU1051-6AA40-0AA0
	12630	1	HOLDER FOR 3 MODULES, METAL	SIEMENS 3SU1550-0AA10-0AA0
	12654	1	LED MODULE WITH INTEGRATED LED, 24-240V AC/DC, GREEN, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING	SIEMENS 3SU1401-1BH40-3AA0
E552CB	11225	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 10 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4110-7HG40
E556CB	11225	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 10 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4110-7HG40
E560CB	11225	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 10 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4110-7HG40
E564CB	11227	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 20 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4120-7HG40
E568CB	11227	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 20 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4120-7HG40
E572CB	11227	1	CIRCUIT BREAKER, MINIATURE, 240 V, 14 KA, 1-POLE, C, 20 A, D=70 mm TO UL 489, SAME POLARITY	SIEMENS 5SJ4120-7HG40
MP MOUNTING PANEL	12712	16	BLOCK, TERMINAL, END ANCHORS - DIN RAIL, EW 35, BEIGE	WEIDMULLER 0383560000
	15875	0 A/R	3/8 INCH - NPT GASKET SEAL FOR MINI RECEPTACLE	WOODHEAD - MOLEX 00-5090
	15876	0 A/R	LOCKING NUT FOR MINI RECEPTACLE	WOODHEAD - MOLEX 30-1100
	75106	0 A/R	DUCT,50 mm W X 75 mm H, WITH COVER	TEHALIT DNG75050
	75120	0 A/R	STANDARD MOUNTING RAIL 35X27X15,1.5mm THICK, 2 METERS LONG	PHOENIX 0806602
	75150	2	GROUNDING STRAP, COPPER BRAID 10 mm² X 200 mm LONG WITH 6 mm HOLES, FOR BONDING OF ENCLOSURES	RITTAL OR EQUIVALENT 2412210
	75600	8	HOLE PLUG, 22.5mm DIAMETER	SIEMENS 3SU1900-0FA11-0AA0
	75709	1	KEYLOCK BOX, 9.5" X 3" X1.5"	SAGINAW SCE-KLB BAS 018115
	75804	0 A/R	TAGS, FOR PUSHBUTTONS & LIGHTS, 48mm X 48MM, WITH 4mm (0.15 INCH) (16PT) FONT, BLACK TEXT ON WHITE BACKGROUND	CUSTOM GENERIC TAG - PBPL

GM GM - STANDARD	GM ENGINEER: I	DESIGN SOURCE:	DESIGN LEADER: GREG		POWER DISTRIBUTION PANEL 5KVA 120V CONTROL POWER / 24V PLC POWER	SYSTEM/TOOL NO:	RELEASE DATE: 2021-10-14	REVISION LETTER:	SECTION S LETTER:	
	TEAM		GREG DOPPKE	SHEET	DEVICE LIST	DRAWING NUMBER:		DATE:	Y7	1 of 7
THIS MATERIAL IS THE PROPERTY OF GENERAL MO USE SUCH MATERIAL FOR ANY PURPOSE OTHER TH				DESCRIPTION:		ECS-5138-TT			• –	

STATUS: RELEASED PROJECT NAME: ECS-5138-TT_Rel(2021-10-14) SAVE DATE: 2021-10-14 EPLAN VERSION: 2.7.3

DEVICE LIST

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER
MP MOUNTING PANEL	75805	0 A/R	TAGS, PANEL, STICK ON OR LAMICOID, MINIMUM FONT SIZE - 5mm (20PT)	CUSTOM GENERIC TAG - PANEL
	75814	1	SAFETY, HOLDER, PLACARD, FOR 11" X 8.5" GRAPHIC AND 11" X 8.5" LOCKOUT LIST SHEETS, GMT RED, SCREEN PRINT "LOCKOUT PLACARD", (3) 8.5" X 11" PRINT POCKET SAVERS, HARDWARE INCLUDED (PORTRAIT)	WECO OR EQUIVALENT GMT-LOLP
	80010	1	ENCLOSURE BUILT TO LATEST GCCB-1 AND GCCH-1 SPECIFICATIONS, RAL7035 GRAY, 610 mm H X 660 mm W X 203 mm D	HOFFMAN OR EQUIVALEN CDSC24268LG
	80011	SUBPLATE, GALVANIZED, 564 mm H X 564 mm W		HOFFMAN OR EQUIVALENT CP2424G
	80012 1 WALL MOUNTING BRACKET WITH MOUNTING HARDWARE, PAI CONTAINS (4) BRACKETS		WALL MOUNTING BRACKET WITH MOUNTING HARDWARE, PACKAGE CONTAINS (4) BRACKETS	HOFFMAN OR EQUIVALENT
	80013	1	DATA POCKET, 152mm H X 152mm W, MOUNTING HARDWARE INCLUDED.	HOFFMAN OR EQUIVALENT ADP1
	75813	1	LABEL, WARNING, PICTOGRAM FOR HOT SURFACE, 50 mm H X 50 mm W	BRADY Y5062718
LUG PE LUG	12734	1	BLOCK, TERMINAL, SPRING CLAMP, GROUND, 600 V, ZPE 10/3AN, 16- 6 AWG, 1.5 - 16 mm², FINGER SAFE, 3 POLE SINGLE CIRCUIT, 10 mm, GREEN-YELLOW	WEIDMULLER 1767670000
	12731	1	BLOCK, TERMINAL, END BARRIER, FOR ZDU 10/3AN 1767690000 AND ZDU 16/3AN 1768320000, BEIGE	WEIDMULLER 1749580000
AC1	15742	1	CORD, RECEPTACLE, MINI 3 PIN, FEMALE-INTERNAL THREADS, 2 METER (6.56 FT) PIGTAIL - 1/2 INCH NPT, AC C.C., 16 AWG, 600V, 13A	WOODHEAD - MOLEX 1R3000A20M020
AC2	15742	1	CORD, RECEPTACLE, MINI 3 PIN, FEMALE-INTERNAL THREADS, 2 METER (6.56 FT) PIGTAIL - 1/2 INCH NPT, AC C.C., 16 AWG, 600V, 13A	WOODHEAD - MOLEX 1R3000A20M020
AC3	15742	1	CORD, RECEPTACLE, MINI 3 PIN, FEMALE-INTERNAL THREADS, 2 METER (6.56 FT) PIGTAIL - 1/2 INCH NPT, AC C.C., 16 AWG, 600V, 13A	WOODHEAD - MOLEX 1R3000A20M020
HDC1	15762	1	CORD, RECEPTACLE, MINI 4 PIN DC, FEMALE, INTERNAL THREAD, 2 METER (6.56 FT) PIGTAIL, 1/2 INCH -14 NPT, 16 AWG, 10A, 600V	WOODHEAD - MOLEX 1R4000A39M020
HDC2	15762	1	CORD, RECEPTACLE, MINI 4 PIN DC, FEMALE, INTERNAL THREAD, 2 METER (6.56 FT) PIGTAIL, 1/2 INCH -14 NPT, 16 AWG, 10A, 600V	WOODHEAD - MOLEX 1R4000A39M020
HDC3	15762	1	CORD, RECEPTACLE, MINI 4 PIN DC, FEMALE, INTERNAL THREAD, 2 METER (6.56 FT) PIGTAIL, 1/2 INCH -14 NPT, 16 AWG, 10A, 600V	WOODHEAD - MOLEX 1R4000A39M020

DEVICE TAG	ITEM NUMBER	QTY	DESCRIPTION	MANUFACTURER PART NUMBER

	GM GM - STANDARD	GM ENGINEER: HARDWARE	DESIGN SOURCE:	DESIGN LEADER: GREG	PACKAGE DESCRIPTION:	POWER DISTRIBUTION PANEL 5 SKVA 120V CONTROL POWER / 24V PLC POWER		SYSTEM/TOOL NO:	RELEASE DATE: 2021-10-14		SECTION LETTER:		
Ŀ		TEAM		DOPPKE	SHEET	DEVICE LIST		DRAWING NUMBER:		DATE:	Y7	2 of 7)
	THIS MATERIAL IS THE PROPERTY OF GENERAL MOT USE SUCH MATERIAL FOR ANY PURPOSE OTHER THA				DESCRIPTION:	:		ECS-5138-TT			' _		-
•	STATUS: RELEASED					PROJECT NAME	: ECS-5138-TT_Rel(2021-	10-14)	SAVE DATE: 202	1-10-12	EPLAN VEF	RSION: 2.7.3	