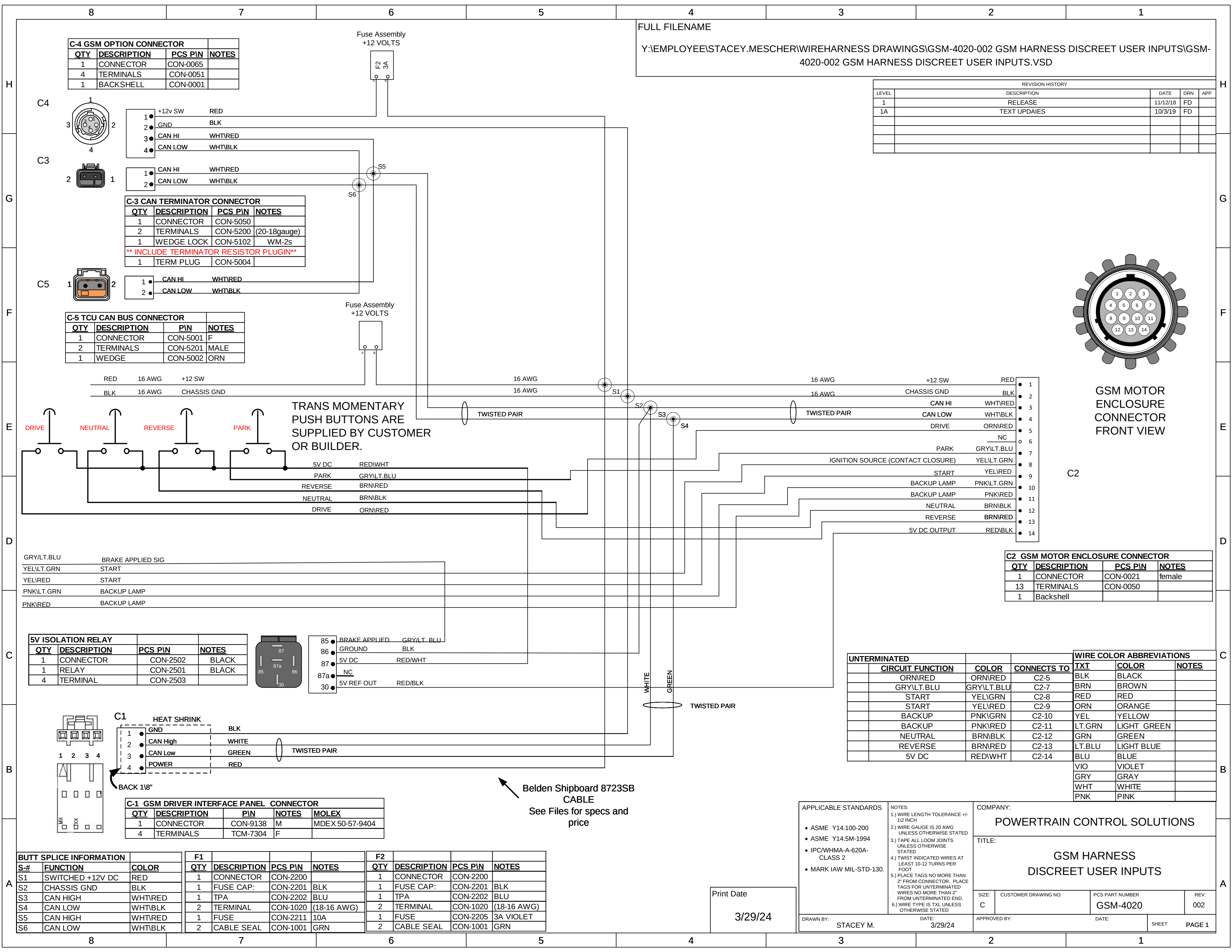




C-4 GSM OPTION CONNECTOR			
QTY	DESCRIPTION	PCS PIN	NOTES
1	CONNECTOR	CON-0065	
4	TERMINALS	CON-0051	
1	BACKSHELL	CON-0001	

1	+12v SW	RED
2	GND	BLK
3	CAN HI	WHT RED
4	CAN LOW	WHT BLK

1	CAN HI	WHT RED
2	CAN LOW	WHT BLK

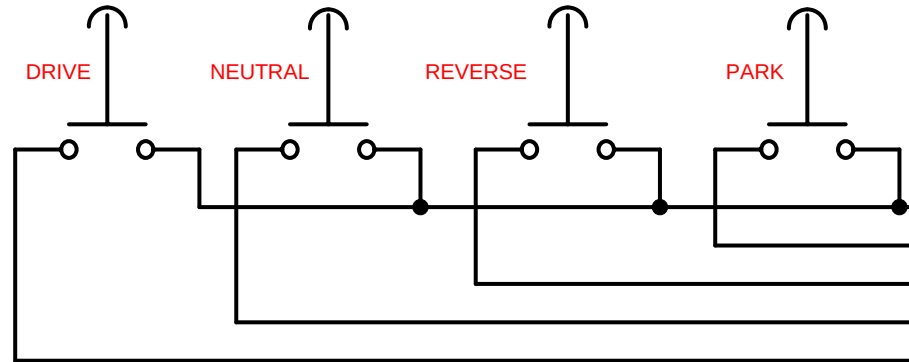
C-3 CAN TERMINATOR CONNECTOR			
QTY	DESCRIPTION	PCS PIN	NOTES
1	CONNECTOR	CON-5050	
2	TERMINALS	CON-5200 (20-18gauge)	
1	WEDGE LOCK	CON-5102 WM-2s	
** INCLUDE TERMINATOR RESISTOR PLUGIN**			
1	TERM PLUG	CON-5004	

1	CAN HI	WHT RED
2	CAN LOW	WHT BLK

C-5 TCU CAN BUS CONNECTOR			
QTY	DESCRIPTION	PIN	NOTES
1	CONNECTOR	CON-5001 F	
2	TERMINALS	CON-5201 MALE	
1	WEDGE	CON-5002 ORN	

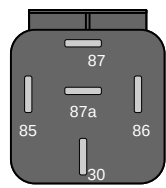
RED	16 AWG	+12 SW
BLK	16 AWG	CHASSIS GND

TRANS MOMENTARY
PUSH BUTTONS ARE
SUPPLIED BY CUSTOMER
OR BUILDER.

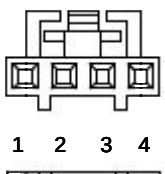


GRY LT.BLU	BRAKE APPLIED SIG
YEL LT.GRN	START
YEL RED	START
PNK LT.GRN	BACKUP LAMP
PNK RED	BACKUP LAMP

5V ISOLATION RELAY			
QTY	DESCRIPTION	PCS PIN	NOTES
1	CONNECTOR	CON-2502	BLACK
1	RELAY	CON-2501	BLACK
4	TERMINAL	CON-2503	



85	BRAKE APPLIED	GRY LT.BLU
86	GROUND	BLK
87	5V DC	RED WHT
87a	NC	
30	5V REF OUT	RED BLK



C-1 GSM DRIVER INTERFACE PANEL CONNECTOR			
QTY	DESCRIPTION	PIN	NOTES
1	CONNECTOR	CON-9138	M
4	TERMINALS	TCM-7304	F

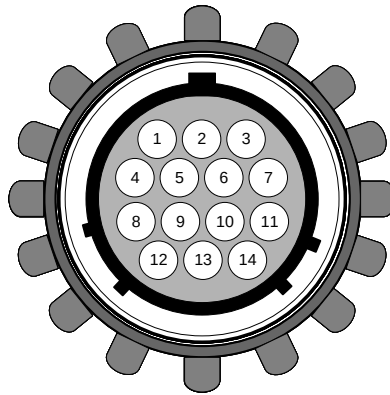
C-1 GSM DRIVER INTERFACE PANEL CONNECTOR				
QTY	DESCRIPTION	PIN	NOTES	MOLEX
1	CONNECTOR	CON-9138	M	MDEX 50-57-9404
4	TERMINALS	TCM-7304	F	

BUTT SPLICE INFORMATION			F1		F2				
S#	FUNCTION	COLOR	QTY	DESCRIPTION	PCS PIN	NOTES	QTY	DESCRIPTION	PCS PIN
S1	SWITCHED +12V DC	RED	1	CONNECTOR	CON-2200		1	CONNECTOR	CON-2200
S2	CHASSIS GND	BLK	1	FUSE CAP:	CON-2201	BLK	1	FUSE CAP:	CON-2201
S3	CAN HIGH	WHT RED	1	TPA	CON-2202	BLU	1	TPA	CON-2202
S4	CAN LOW	WHT BLK	2	TERMINAL	CON-1020 (18-16 AWG)		2	TERMINAL	CON-1020 (18-16 AWG)
S5	CAN HIGH	WHT RED	1	FUSE	CON-2205	3A VIOLET	1	FUSE	CON-2205
S6	CAN LOW	WHT BLK	2	CABLE SEAL	CON-1001	GRN	2	CABLE SEAL	CON-1001

FULL FILENAME

Y:\EMPLOYEE\STACEY.MESCHER\WIREHARNES DRAWINGS\GSM-4020-002 GSM HARNESS DISCREET USER INPUTS\GSM-4020-002 GSM HARNESS DISCREET USER INPUTS.VSD

REVISION HISTORY				
LEVEL	DESCRIPTION	DATE	DRN	APP
1	RELEASE	11/12/18	FD	
1A	TEXT UPDAIES	10/3/19	FD	



GSM MOTOR
ENCLOSURE
CONNECTOR
FRONT VIEW

C2

C2 GSM MOTOR ENCLOSURE CONNECTOR			
QTY	DESCRIPTION	PCS PIN	NOTES
1	CONNECTOR	CON-0021	female
13	TERMINALS	CON-0050	
1	Backshell		

UNTERMINATED			WIRE COLOR ABBREVIATIONS		
	CIRCUIT FUNCTION	COLOR	CONNECTS TO	TXT	NOTES
	ORN RED	ORN RED	C2-5	BLK	BLACK
	GRY LT.BLU	GRY LT.BLU	C2-7	BRN	BROWN
	START	YEL GRN	C2-8	RED	RED
	START	YEL RED	C2-9	ORN	ORANGE
	BACKUP	PNK GRN	C2-10	YEL	YELLOW
	BACKUP	PNK RED	C2-11	LT.GRN	LIGHT GREEN
	NEUTRAL	BRN BLK	C2-12	GRN	GREEN
	REVERSE	BRN RED	C2-13	LT.BLU	LIGHT BLUE
	5V DC	RED WHT	C2-14	BLU	BLUE
				VIO	VIOLET
				GRY	GRAY
				WHT	WHITE
				PNK	PINK

- APPLICABLE STANDARDS
- ASME Y14.100-200
 - ASME Y14.5M-1994
 - IPC/WHMA-A-620A-CLASS 2
 - MARK IAW MIL-STD-130.

- NOTES:
- 1.) WIRE LENGTH TOLERANCE +/- 1/2 INCH
 - 2.) WIRE GAUGE IS 20 AWG UNLESS OTHERWISE STATED
 - 3.) TAPE ALL LOOM JOINTS UNLESS OTHERWISE STATED
 - 4.) TWIST INDICATED WIRES AT LEAST 10-12 TURNS PER FOOT
 - 5.) PLACE TAGS NO MORE THAN 2" FROM CONNECTOR. PLACE TAGS FOR UNTERMINATED WIRES NO MORE THAN 2" FROM UNTERMINATED END.
 - 6.) WIRE TYPE IS TXL UNLESS OTHERWISE STATED

COMPANY:

POWERTRAIN CONTROL SOLUTIONS

TITLE:

GSM HARNESS
DISCREET USER INPUTS

SIZE:

CUSTOMER DRAWING NO.

PCS PART NUMBER

GSM-4020

REV:

002

APPROVED BY:

DATE:

SHEET

PAGE 1

DRAWN BY:

STACEY M.

DATE:

3/29/24

Print Date

3/29/24

Belden Shipboard 8723SB
CABLE
See Files for specs and
price

