EMERGENCY STOP BUTTON

Rev3-2025-0411

ALL WIRES EXIT BOTTOM OF CONTROLLER

3 PHASE
1 PHASE
GEN GEN GEN
FROM GENSET

VOLVO TIER-4 POSITION

STANDARD POSITION OFF
EMERG SHUTDN SWITCH
TOP
ON
24V RED
14GA GREEN
14GA GREEN

E-STOP

ADD 120OHM RESISTOR

OPTIONAL CIRCUIT BREAKER SHUNT

CANBUS

HIGH FUEL LEVEL
FOLLOWS LOW FUEL
ENGINE FAIL
ENGINE RUN
S-26
NOT IN AUTO
AUDIBLE HORN
HORN NOT PROVIDED

WHITE/RED
24V OFF/ON
WHITE/RED

OTHERS
RED
ALARM INTRFC/ MISC.
24V ECU
VOLVO CONNECTOR
OPTION
BATT B+ FEED
RED

CANBUS !
2020HD
GROUND
VOLVO

PREH FUEL START
BATT B+
24VDC
BATT B+
RDP-110 REMOTE ANNUNCIATOR

BATT B+
12GA RED
+12VDC 20A

BASLER DGC-2020

RS232
USB MINI-B
GLOBAL ALARM
GLOBAL PRE-ALARM
FOLLOWS LOW OIL LEVEL INUT
FOLLOWS HIGH FUEL LEVEL INUT
FOLLOWS LOW FUEL
CHICAGO BATTLEMODE

14GA BLACK
NEUTRAL
14GA WHITE
E1 E2 E3
F1 F2 F3
EMERG-1 2A
EMERG-2 2A
EMERG-3 2A
43 44 45

LINE-1 LINE-2 LINE-3 NEUTRAL

14GA RED
14GA GREEN
14GA GREEN
GROUND

BASLER REMOTE ANNUNCIATOR
RDP-110C
CANBUS CABLE
SHIELD
RS485 B+
RS485 A-
BATT - COM
BATT + 12/24

19-CHICAGO BATTLE MODE
22-LOW OIL LEVEL (BLUE)
23-FUEL HIGH LEVEL (WHITE)
24-LOW COOLANT LEVEL (BLACK)
25-LOW BATERRY VOLTAGE (BLK/YEL)
26- HIGH BATTERY VOLTAGE (WHT/YEL)
27-BATTERY CHARGER AC FAIL (WHT/BLU)
28-FUEL LEAKAGE (WHT/YEL)
29-LOW FUEL 50% (BLK/YEL)
30-START-STOP SIGNAL (GROUND ASSERTED)

CHICAGO BATTLEMODE
ON OFF
14GA GREEN

BASLER DGC-2020

CHICAGO BATTLEMODE

SPVD-QB-SERIES 7420MK2- DETAIL BATTLE-MODE

SHEET 2 OF 2

GILLETTE GENERATORS, INC. 2921 THORNE DR, ELKHART, IN 46514 574.264.9639			
DESCRIPTION: WIRING DETAIL EPA VOLVO / STAMFORD WIRING FOR AUTO STAR/STOP FUNCTIONS W/ DGC-2020 CONTROLLER			REV 3
DATE: 6-7-2019	PT. NO:	SCALE: 1:1	CAD_NO.: 20240310.12:00:00
DR.BY: TEDD	ENG. TEDD	PG.NO. 1 OF 1	DRAWING NO.: VOLVO/-SPVD-/2020