



CONTACTS TO DRY
(REMOTE START/ STOP)
BATTERY GND
START
DETECT

TO START UNIT IN AUTO-
GROUND YELLOW SENSE LEAD
TO GREEN GROUND (-12VDC)

ALARM INTERFACE
LOW COOLANT SW

AUXILLIARY 20A

FUEL-OFF/ON 20A

+12VDC 20A

EMERG-3 2A

EMERG-2 2A

EMERG-1 2A

NEUTRAL
14GA WHITE

J1-1 SW OUT D PREHEAT
J1-3 SW OUT C CRANK
J1-6 SW OUT A FUEL
J1-4 SW OUT B PREHEAT

RELAY
MODULE
RP100

OPTIONAL
HIGH TEMP
LOW OIL
ENGINE
PREHEATS
COM TO GROUND

**CANBUS TO GOV
ONLY!**

14GA YELLOW
EF S-25
ER

12GA RED

14GA WHT/BLUE

14GA BLACK
VDO-150C
HIGH TEMP
SENDER

- 58-FUEL HIGH LEVEL DIGITAL INPUT 8 (WHT/BLK)
- 57-LOW COOLANT LEVEL DIGITAL INPUT 7 (BLK/CO)
- 56-LOW BATTERY VOLTAGE DIGITAL INPUT 6 (BLK/YEL)
- 55-HIGH BATTERY VOLTAGE DIGITAL INPUT 5 (WHT/YEL)
- 54-BATTERY CHARGER AC FAIL DIGITAL INPUT 4 (WHT/BLU)
- 53-FUEL LEAKAGE DIGITAL INPUT 3 (WHT/YEL)
- 52-LOW FUEL 50% DIGITAL INPUT 2 (BLK/YEL)

- 7420MK2-24
- 7420MK2-25
- 7420MK2-26

SPD-SERIES-404D-EPA-DIESEL-1-PH-3PH-7420-MK-II
GILLETTE GENERATORS, INC. 1340 WADE DR., ELKHART, IN 46514 (574) 264-9639
DESCRIPTION: WIRING DETAIL PERKINS EPA STAMFORD SPD GENSET
WIRING FOR AUTO START/STOP FUNCTIONS W/ DSE-7420-MK-II CONTROLLER 0 REV

B NON-CANBUS / USE ADDITIONAL SENSORS
DATE: 08-1-2014
PT. NO.:
ENG. RH
SCALE: N/A
PG. NO. 1 OF 1
CAD_NO.: 20210202.12:00:00
DRAWING NO.: SPD-PERKINS-STAMFORD