



CONTACTS TO DRY (REMOTE START/ STOP)

BATTERY GND START DETECT

TO START UNIT IN AUTO- GROUND YELLOW SENSE LEAD TO GREEN GROUND

CUT

B CANBUS

RELAY FITTING

PILOT RELAYS

PSI CONNECTOR

PSI CONNECTOR

PAY ATTENTION TO THE LP FUEL CONNECT WIRE. IT HAS SHIFTED FROM PIN H TO PIN G

B

PSI HARNESS

EMERGENCY SHUT DOWN SWITCH

OPTIONAL

SENS BATTERY CHARGER

7420 MK-II

STARTER

SOLENOID

24V

24V

ALTERNATOR

PSI HARNESS

- 58-FUEL HIGH LEVEL DIGITAL INPUT 8 (WHITE)
- 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)

FROM GENSET (START-DETECT)

(3) CTs FOR 3 PHASE



GILLETTE GENERATORS, INC. 2921 THORNE DR, ELKHART, IN 46514 574.264.9639

DESCRIPTION: WIRING DETAIL SP-2500P (PSI 13L S0)
 WIRING FOR AUTO START/STOP W/ 7420MK2 CONTROLLER

DATE: 10/06/2025 PT. NO.: SCALE: N/A CAD_NO.: 20251031
 DR.BY: DB ENG. DB PG.NO. 1 OF 1 DRAWING NO.: SP-DRYFUEL-20251006

B SP-SERIES-DRY-FUEL-3PH-7420-MK-II