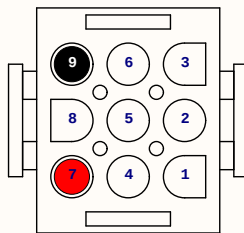


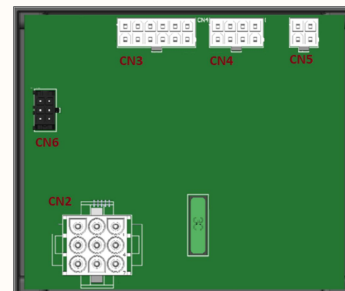


BATTERY - DC Power Supply



* side view wiring

MOTOR CONTROL UNIT



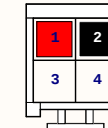
MOTOR CONTROL UNIT - CN 5

CONNECTOR:
Mini-Fit Jr 5557 - 4 way- MOLEX 39-01-2040
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - RED
- 2 - BLACK
- 3 - N.C.
- 4 - N.C.

LINEAR ACTUATOR

* side view wiring



MOTOR CONTROL UNIT - CN 2

CONNECTOR:
MATE-N-LOK 9 VIE - TE Connectivity 350720-1
CONTACTS:
FEMALE MATE-N-LOK - TE Connectivity 61314-6

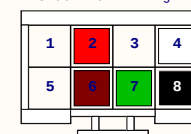
- 1 - OUT 1 - *Optional Output
- 2 - OUT 2 - *Optional Output
- 3 - OUT 3 - *Optional Output
- 4 - N.C.
- 5 - N.C.
- 6 - N.C.
- 7 - RED (Battery +)
- 8 - N.C.
- 9 - BLACK (Battery -)

MOTOR CONTROL UNIT - CN 4

CONNECTOR:
Mini-Fit Jr 5557 - 8 way- MOLEX 39-01-2080
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - N.C.
- 2 - RED - +12 V (Internal)
- 3 - N.C.
- 4 - WHITE - Can H
- 5 - N.C.
- 6 - DARK_RED (*EXTERNAL ENABLE)
- 7 - GREEN - Can L
- 8 - BLACK - GND

* side view wiring

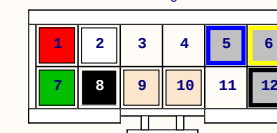


MOTOR CONTROL UNIT - CN 3

CONNECTOR:
Mini-Fit Jr 5557 - 12 way- MOLEX 39-01-2120
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

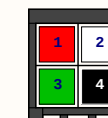
- 1 - RED - +12 V [External Display]
- 2 - WHITE - Can H [External Display]
- 3 - N.C.
- 4 - N.C.
- 5 - HARE - INPUT SWITCH
- 6 - HARE - INPUT POTENTIOMETER
- 7 - GREEN - Can L [External Display]
- 8 - BLACK - GND [External Display]
- 9 - AC1 - (*Optional)
- 10 - AC2 - (*Optional)
- 11 - N.C.
- 12 - HARE - GND

* side view wiring



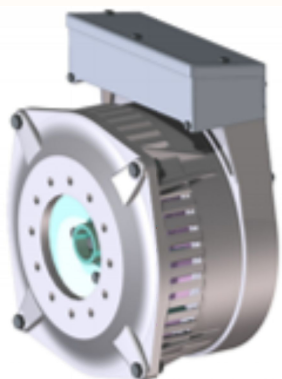
DISPLAY

* side view wiring



CONNECTOR:
Micro-Fit 3.0 - 4 way- MOLEX 43025-0408
CONTACT:
FEMALE Micro-Fit 3.0 - MOLEX 43030-0007

- 1 - RED - +12 V (Internal)
- 2 - WHITE - Can H
- 3 - GREEN - Can L
- 4 - BLACK - GND



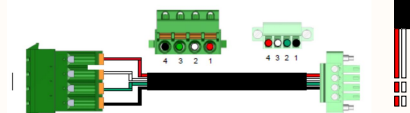
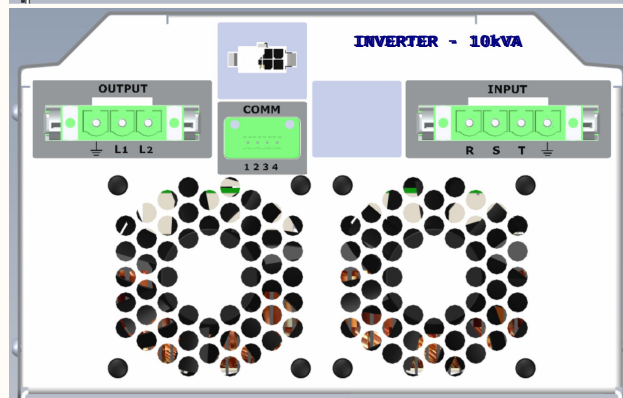
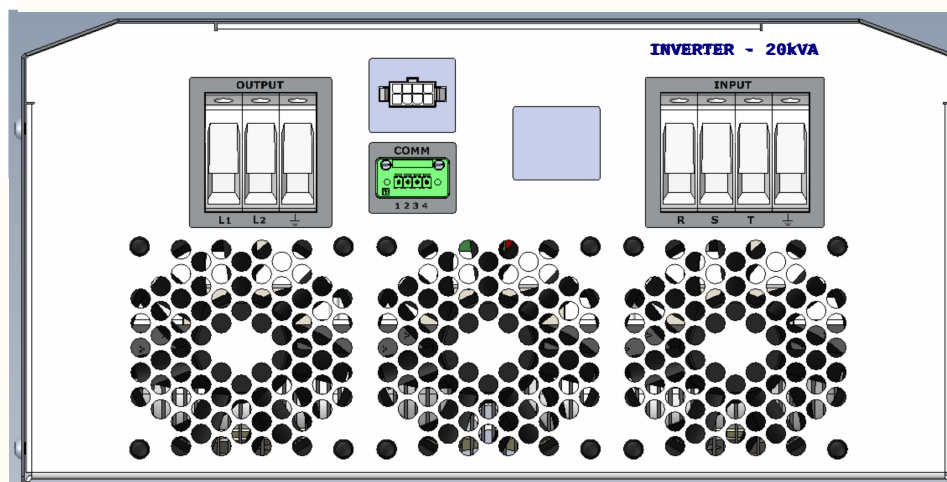
Three-phase alternator

INVERTER - INPUT

- R - AC Alternator - INPUT 1
- S - AC Alternator - INPUT 2
- T - AC Alternator - INPUT 3
- * - EARTH

INVERTER - OUTPUT

- L1 - V_AC OUT
- L2 - V_AC OUT
- * - EARTH



INVERTER - COMM

CONNECTOR:
PHOENIX MC 1,5/4-STF-3,81 (1827729)

- 1 - RED - +12 V (Internal)
- 2 - WHITE - Can H
- 3 - GREEN - Can L
- 4 - BLACK - GND

MICROTEC			
title			
System Connection - BOX Inverter			
size	design	version	revision
A3	WIRING		00
sheet no. 1 of 1			
file: SystemConnection BOX 10 20kVA r00.SchDoc			