

Diagram illustrating the wiring connections for a 16-circuit load center, showing connections to an external connection box and a generator output circuit breaker.

16 CIRCUIT LOAD CENTER:

- ALL CIRCUIT NEUTRAL CONDUCTORS NOT SHOWN FOR CLARITY
- WHT (White)
- BLK (Black)
- RED (Red)
- 00 (Ground)
- LC (Load Center)
- A, B (Circuit Breakers)
- CIRCUIT 1 through CIRCUIT 16

EXTERNAL CONNECTION BOX:

- WHT (White)
- GRN (Green)
- BLK (Black)
- RED (Red)

TO GENERATOR OUTPUT CIRCUIT BREAKER:

- WHT (White)
- GRN (Green)
- BLK (Black)
- RED (Red)

240VAC TO MAIN DISTRIBUTION PANEL:

- NEUTRAL (White)
- MAIN 2 (Red)
- MAIN 1 (Black)
- GRD (Green)

Wiring Details:

- WHT (White) connects to the Neutral Busbar (N) and the Neutral terminal of the External Connection Box.
- BLK (Black) connects to the Main 1 terminal of the 240VAC to Main Distribution Panel and the Black terminal of the External Connection Box.
- RED (Red) connects to the Main 2 terminal of the 240VAC to Main Distribution Panel and the Red terminal of the External Connection Box.
- GRN (Green) connects to the Ground (00) terminal and the Green terminal of the External Connection Box.
- CIRCUIT 1 through CIRCUIT 16 are connected to the Load Center terminals.

WIRING - DIAGRAM
HSB TRANSFER SWITCH 100A
DRAWING #:10000019053

GROUP G

