

Voltage Regulator Relay Output Connections

Make the connections as required to terminals 16 through 19 of the synchronizer. Terminals are shown in Figure 1-4, which give normally open contacts for operation to the voltage regulator. The ratings for the voltage raise and lower relay contacts are:

Resistive Loads:

- 10 A at 28 Vdc
- 3 A at 120 Vac, 50/60 Hz

Inductive Loads:

- 6 A at 28 Vdc
- 2 A at 120 Vac, 50/60 Hz

Breaker Closure Relay Connections

Make connections from the breaker closure relay to terminals 14 and 15 of the synchronizer. These terminals, shown in Figure 1-4, give normally open contacts. The ratings for the breaker closure relay contacts are:

Resistive Loads:

- 10 A at 28 Vdc
- 3 A at 120 Vac, 50/60 Hz

Inductive Loads:

- 6 A at 28 Vdc
- 2 A at 120 Vac, 50/60 Hz

IMPORTANT

If a dead-bus relay is used to close the breaker, the synchronizer mode switch must be in the OFF position until the synchronizer is required to synchronize and close the breaker to a live bus.