

Module Assessment

Now that you've completed the module, we'd like to find out how well it is working. Please take 5 minutes to answer these questions on the module content. The answer key will be given to you after you have completed the assessment.

Instructions: Circle the letter preceding the *best* answer.

1. To move the load from source one to source two is called:
 - a. start.
 - b. stop.
 - c. transfer.
 - d. retransfer.
2. The only external, optional feature available with Control Package A is:
 - a. Meters.
 - b. Test/Normal/Retransfer switch.
 - c. Manual Override switch.
 - d. Auto/Manual Retransfer switch.
3. A standard feature on Control Package B is:
 - a. Fixed Time Delays.
 - b. an Exerciser Clock.
 - c. a Manual Override switch
 - d. an 85%/CAL. switch.
4. Terminal Block A1-TB2 is:
 - a. located on the left side panel.
 - b. used for Normal Source sensing input to the electronic control.
 - c. used for Emergency Source sensing input to the electronic control.
 - d. the same as the customer interconnection terminal block.

5. Disconnecting _____ removes all line power from the door.
- a. J1/P1
 - b. J4/P4
 - c. J6/P6
 - d. J10/P10
6. Control Package A electronic control has _____ LEDs.
- a. 4
 - b. 8
 - c. 10
 - d. 12
7. An LTIII transfer switch, equipped with Control Package A, will transfer the load from the normal to emergency source with:
- a. a test with load and a remote test input.
 - b. a test with load and a local test input.
 - c. normal power source interruption.
 - d. a and c.
 - e. all of the above.
8. During a Normal Source Power Interruption, which LEDs are ON just prior to the transfer time delay completing?
- a. Start Gen, Emergency Available
 - b. Transfer Timing, Start Gen, Emergency Available
 - c. Start Gen, Emergency Available, Transfer
 - d. Transfer, Transfer Timing, Emergency Available

9. LTIII A1-S2, Test With or Without Load selector switch is:
- available with Control Package B only.
 - in the Without Load position simulates an open phase condition.
 - in the With Load position simulates an open phase condition.
 - in the With Load position bypasses the time delay 2-Wire start output.
10. During a transfer of load from the Normal Source to the Emergency Source, before K2 closing coil is energized:
- the K1TC coil must be energized.
 - A1K2 coil must be energized.
 - the K1 contactor must open.
 - all of the above.
11. Given: LTIII 208VAC transfer switch. The voltage between A1-TB1-8 and A1-TB1-9 when the load is connected to the Normal Source is:
- 0VDC.
 - 28VDC.
 - 28VAC
 - 208VAC.
12. Given: LTIII 208VAC transfer switch. The voltage between A1-TB1-8 and A1-TB1-9 when the load is connected to the Emergency Source is:
- 0VAC.
 - 28VDC.
 - 28VAC.
 - 208VAC

13. Given: LTIII 480VAC transfer switch. When the Emergency Source is available and Transfer Timing is complete, the voltage between J1-9 and J1-12 is:
- a. 0VAC.
 - b. 28VAC.
 - c. 240VAC.
 - d. 480VAC.
14. The cutout switch contact numbers for a 600VAC LTIII transfer switch are:
- a. the cutout switch is internal.
 - b. 51 to 52.
 - c. 61 to 62.
 - d. 71 to 72.
15. Phase rotation check and correction procedure can be found in the:
- a. *Installation Manual.*
 - b. *Operator's Manual.*
 - c. *Service Manual.*
 - d. *Trainer's Guide.*
16. Setup and calibration procedures for the LTIII under voltage sensors can be found in the:
- a. *Installation Manual.*
 - b. *Operator's Manual*
 - c. *Participant's Guide.*
 - d. *Service Manual.*
 - e. a and d.

17. Program Transition setup and connection can be found in the:

- a. *Installation Manual.*
- b. *Operator's Manual.*
- c. *Service Manual.*
- d. *Instruction Sheet C542.*
- e. c and d.

18. The Instant Retransfer switch is available with:

- a. Control Packages A and B.
- b. Control Package A.
- c. Control Package B.
- d. 100 through 260 amp. LTIII transfer switches only.

19. The Manual Override switch:

- a. is available with Control Package B only.
- b. is available on 100 through 260 amp. LTIII transfer switches only.
- c. prevents automatic retransfer to the Normal Source exclusively.
- d. allows manual intervention of the transfer/retransfer functions by bypassing the electronic control.

20. The 10 Amp. Battery Charger is:

- a. available as a factory option only.
- b. available on 100 through 260 amp. LTIII transfer switches only.
- c. used with the Alarm Contact option.
- d. a 24VDC charger only.

21. The part number for a 480VAC Control Package A control board is:

- a. 300-4750-01.
- b. 300-4750-02.
- c. 300-4754-01.
- d. 300-4754-02.

22. Relays K1 and K2 are:

- a. 24VDC relays.
- b. board mounted relays.
- c. located in jacks A1-J6 and A1-J7.
- d. part number 307-1085-01.

23. The magnetic latch is standard on:

- a. 30 and 60 amp. switches – normal side only.
- b. 100 and 150 amp. switches – normal side only.
- c. 200 and 260 amp. switches – normal side only.
- d. b and c.
- e. all of the above.

24. The Prism Power System Package is available with a:

- a. 120VAC, single phase LTIII
- b. 208VAC, single phase LTIII
- c. 240VAC, single phase LTIII
- d. 240VAC, three phase LTIII
- e. a and c.

25. The Prism Power System Package LTIII is equipped with:

- a. Control Package A.
- b. Control Package B.
- c. a Membrane Touch Panel.
- d. 30 Amp. frame contactors only.