



La MARCHÉ®

GROUND DETECTION SYSTEMS

A. Ground Detection Push-buttons - OPTION 050

This system utilizes the units' d.c. voltmeter, and a positive & negative pushbutton. To operate this system, push the ground detection (POS) pushbutton to the positive position, then the (NEG) pushbutton to the negative position. If no ground is present in the system, no voltage will be indicated on the units' d.c. voltmeter. The ground voltage will be indicated on the units' d.c. voltmeter if a ground is present.

B. Ground Detection Relays - OPTION 051

This system consists of two relays and a reset switch. Each relay has one normally open contact and one closed contact. The positive relay contact terminal is labeled 1J, 2J, and 3J. The negative relay contact terminal is labeled 4J, 5J, and 6J.

NOTE: WHEN LIGHTS AND RELAYS ARE USED, THE LIGHTS ARE OFF UNTIL A GROUND OCCURS.

If a ground occurs, the proper relay will energize and the contact will change. A reset switch is provided to de-energize the relay; after the ground fault has been corrected.

C. Ground Detection Lights - OPTION 052

This system consists of two lights, (1) marked positive and (1) marked negative. Both lights are dimly lit if there is no ground in the unit. If a ground occurs, the light in the grounded circuit will glow brightly, the other light will diminish.

D. Ground Detection Switch and Light - OPTION 053

This system has two lights, (1) marked positive and (1) negative. The lights are not illuminated until the switch is thrown to the positive or negative position. If a ground is present, the positive or negative light will illuminate to indicate the ground.

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