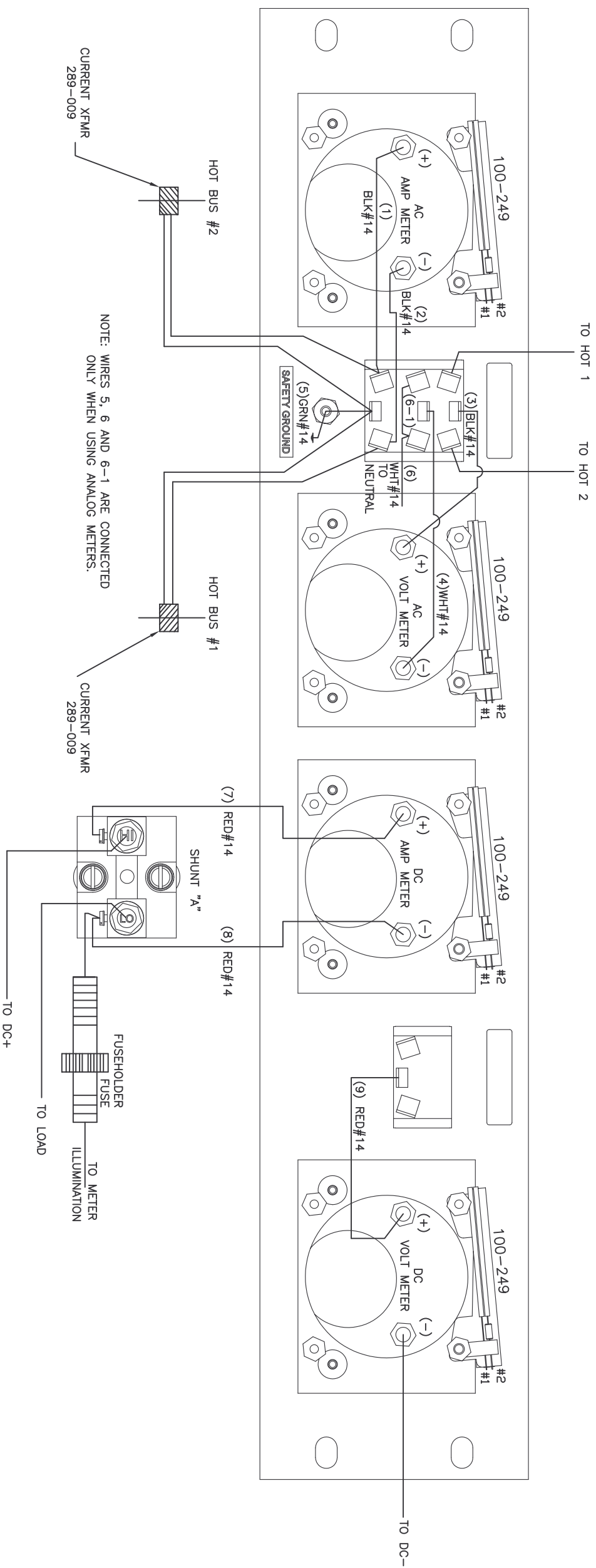


THANK YOU FOR CHOOSING PANELTRONICS, INC. THIS WIRING DIAGRAM WILL AID YOU IN THE INSTALLATION OF YOUR NEW PANEL. IT SHOULD BE KEPT FOR FUTURE REFERENCE AND SERVICE TO THE ELECTRICAL CONTROL PANEL. WITH PROPER MAINTENANCE, YOU WILL ENJOY MANY YEARS OF RELIABLE OPERATION.

ALL PANELTRONICS PRODUCTS SHOULD BE USED AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL ELECTRIC CODE, U.L. AND OTHER LOCAL, MILITARY OR INDUSTRY STANDARDS THAT ARE PERTINENT TO THE PARTICULAR END USE. IN MARINE INSTALLATIONS, ALL PANELS MUST BE INSTALLED TO MEET THE REQUIREMENTS OF U.S.C.G. 33CFR SUBPART 1, ELECTRICAL SYSTEMS ON ALL BOATS THAT HAVE GASOLINE ENGINES FOR ELECTRICAL OR MECHANICAL POWER OR PROPULSION, EXCEPT OUTBOARD ENGINES. AMERICAN BOAT AND YACHT COUNCIL (ABYC) STANDARDS AND RECOMMENDED PRACTICES SHOULD ALSO BE FOLLOWED.

PANELTRONICS INCORPORATED IS A COMPANY COMMITTED TO TOTAL QUALITY AND CONTINUOUS PRODUCT RESEARCH, DEVELOPMENT AND IMPROVEMENT, THEREFORE ALL INFORMATION AND SPECIFICATIONS ON THIS DIAGRAM ARE SUBJECT TO CHANGE WITHOUT NOTICE.



NOTE: WIRES 5, 6 AND 6-1 ARE CONNECTED ONLY WHEN USING ANALOG METERS.

DC AMP METER

RATING	PART NO
50 DCA*	289-002
50 DCA	289-016
80 DCA	289-005
100 DCA	289-014
DIGITAL	570-002
* INTERNAL SHUNT	

DC VOLT METER

RATING	PART NO
8-16 VDC	289-001
16-32 VDC	289-017
0-50 VDC	289-025
DIGITAL	570-001

METER SHUNT "A"

RATING	PART NO
50/50 MW	289-015
80/50 MW	289-010
100/50 MW	289-013

METER ILLUMINATION FOR ANALOG METER ONLY

RATING	PART NO
12 VDC	100-249-7
24 VDC	100-249-8
32 VDC	100-249-9

AC DIGITAL METERS

FUNCTION	PART NO
CURRENT	570-004
VOLTAGE	570-003

AC ANALOG METERS

FUNCTION	PART NO
CURRENT	289-006, 289-011, 289-024
VOLTAGE	289-003, 289-007

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PANELTRONICS Paneltronics, Inc.
11960 N.W. 87th Court
Hialeah Gardens, FL 33018

INCORPORATED

WIRING PNL ASSY
AC/DC METER PANEL
PANELTRONICS

DRAWN BY: JZ DATE: 11/30/09
SHEET: 2 OF 3 SCALE: N/A SIZE: C
SERIES/MODEL: 6000 DRAWING #: 6401 REV: A