

F

E

D

C

B

A

TECHNICAL:

RATED VOLTAGE:

OPERATING VOLTAGE RANGE:

CURRENT:

FREQUENCY:

TRIP LEVEL:

PHASE:

RESPONSE TIME:

DIELECTRIC WITHSTAND:

SURGE WITHSTAND:

OPERATING TEMPERATURE RANGE:

LEAKAGE CURRENT @ 93% HUMIDITY:

OVERLOAD CURRENT:

RF NOISE SUSCEPTIBILITY:

CURRENT FILTERS:

LET GO LINE VOLTAGE:

GROUNDING NEUTRAL DETECTION:

120VAC, 208VAC, 240VAC, 277VAC, 120/240VAC, 120/208VAC Dual Voltage, 120/208VAC 3Ø, 208VAC 3Ø, 240VAC 3Ø (277VAC non-U.L.)

85% TO 110% OF RATED

UP TO 30 AMPS OR WIRING DEVICE RATING

60Hz, 50Hz (AVAILABLE non-UL)

5 ± 1mA

SINGLE, DUAL VOLTAGE, AND THREE-PHASE

25 mS MAX. @500 OHM FAULT

1500 VRMS ACROSS CONTACT

4000 VRMS BETWEEN CONDUCTORS AND ENCLOSURE

6000V IMPULSE, 0.5 MICROSECOND RISE TIME 100KHZ RINGING FREQUENCY WITH 40% DECAY PER CYCLE

-35°C TO +66°C (-31°F TO +151°F)

ZERO

180 AMPS, 50% INDUCTIVE (25 CYCLES)

NORMAL OPERATION WITH 0.5 VRMS INJECTED ON POWER LINE WITH FREQUENCIES UP TO 450 MHz

SPECIFICALLY FILTERED TO MINIMIZE NUISANCE TRIPS IN WELDING, VARIABLE FREQUENCY DRIVE AND OTHER 'ELECTRICALLY NOISY' APPLICATIONS

60% OF RATED

2 OHMS OR LESS (ON APPLICABLE MODELS ONLY)

GENERAL:

CONSTRUCTION:

TYPE:

POWER-UP TYPE:

ENDURANCE:

OPEN NEUTRAL PROTECTION:

GROUNDING NEUTRAL PROTECTION:

POWER ON INDICATION:

POWER OFF INDICATION:

APPLICABLE MODELS ONLY)

ENCLOSURE:

MOUNTING TYPE:

WIRING APPLICATION:

WIRING CONNECTIONS:

SWITCH INTERFACE:

LATCHING MECHANISM:

FALSE TRIP DUE TO IMPACT:

AGENCY APPROVAL

INDUSTRIAL GRADE DESIGN

CLASS A

AUTO OR MANUAL

5000 OPERATIONS MINIMUM AT RATED LOAD

TRIPS UPON LOSS OF NEUTRAL (ON APPLICABLE MODELS ONLY)

TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE (ON APPLICABLE MODELS ONLY)

LIGHTED GREEN LED

BLINKING RED LED, PLUS OPTIONAL ANNUNCIATOR OF AC/DC OUTPUTS (ON

NEMA 4X/P6

PANEL, SURFACE AND PORTABLE

3,4,5 WIRE SINGLE, SPLIT, AND 3-PHASE

PORTABLE (IN-LINE) AND PERMANENT (FIXED MOUNT) (SEE WIRING INSTRUCTIONS)

DOUBLE INSULATED

ELECTROMAGNETIC

NONE

cULus, CSA, CSAus and cCSAus (U.L.943 and CSA C22.2 No. 144) (277VAC non-U.L.)

F

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FIGURE 1

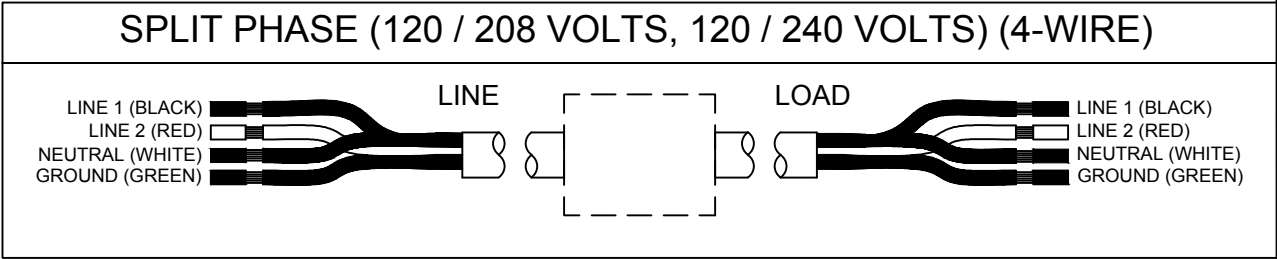


FIGURE 2

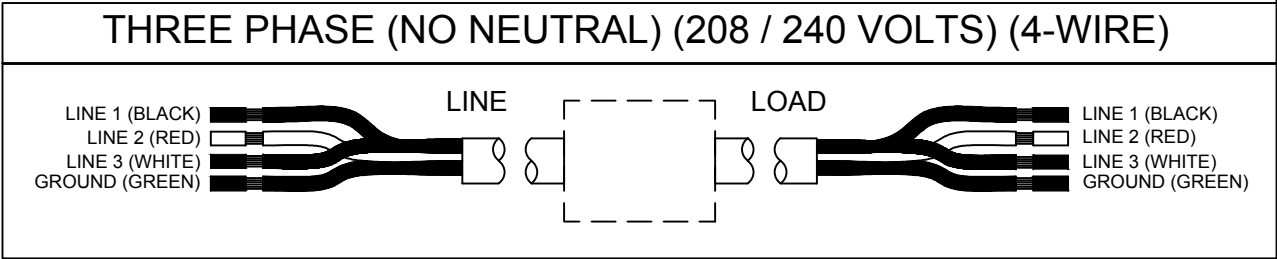
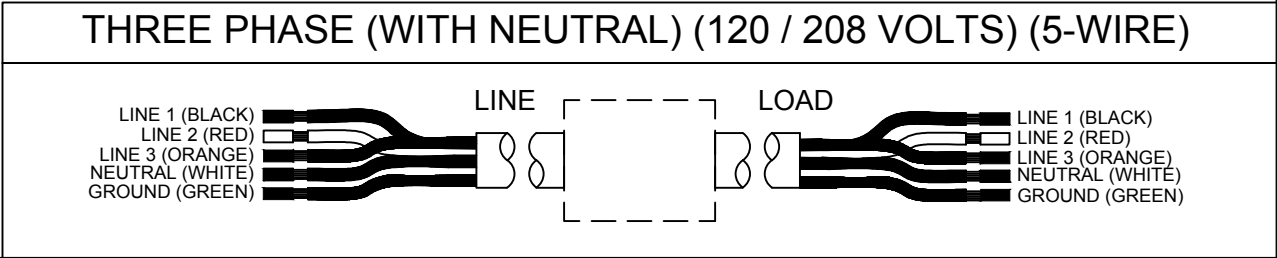


FIGURE 3



RESET TYPE	MATERIAL NO.	ENGINEERING NO.	PHASE	FIGURE
MANUAL	1301530247	30053-0M6P	SPLIT PHASE	FIGURE 1
	1301530248	30053-0M3P	THREE PHASE	FIGURE 2
	1301530249	30053-0M2P	THREE PHASE	FIGURE 2
	1301530250	30053-0M5P	THREE PHASE W/ NEUTRAL	FIGURE 3
AUTOMATIC	1301530251	30053-0A6P	SPLIT PHASE	FIGURE 1
	1301530252	30053-0A3P	THREE PHASE	FIGURE 2
	1301530253	30053-0A2P	THREE PHASE	FIGURE 2
	1301530254	30053-0A5P	THREE PHASE W/ NEUTRAL	FIGURE 3

UPDATED SPECS

EC NO: IPG2014-1788

DRWN: BARDEN 2014/04/14

CHKD: HKNEELAN 2014/04/30

APPR: JFMURPHY 2014/03/27

REV

QUALITY SYMBOLS

▽=0

▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±0.13	±.010
1 PLACE	±0.25	±.020
ANGULAR ±.5°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE

INCH

DRAWN BY	DATE
BARDEN	2014/01/07
CHECKED BY	DATE
HKNEELAN	2014/03/07
APPROVED BY	DATE
JFMURPHY	2014/03/27
MATERIAL NO.	
SIZE	B

SCALE

NTS

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

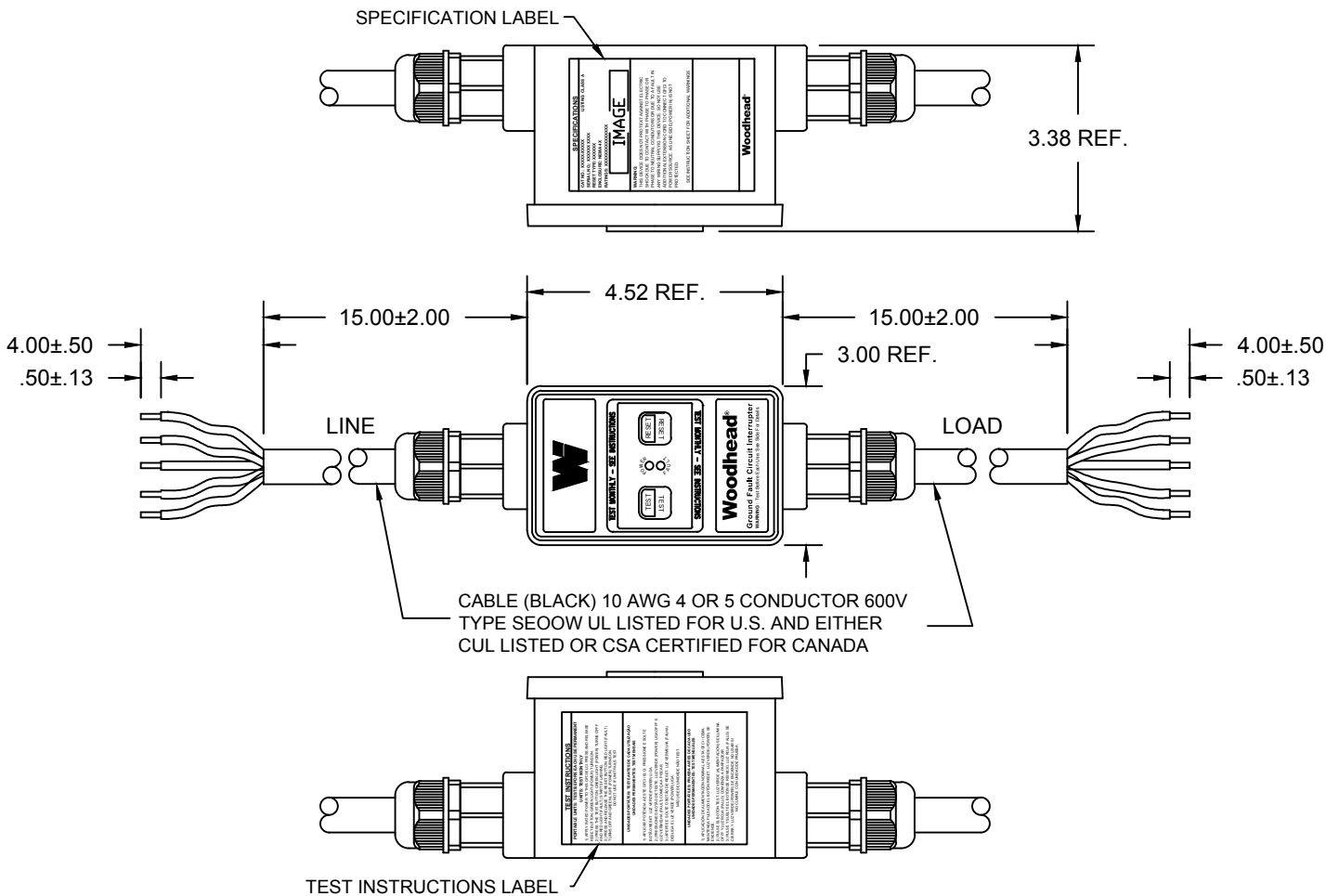
PORTABLE GFCI WITH LEADS
30AMP SPLIT & 3 PHASE
#10/4&5 CABLE

MOLEX INCORPORATED

DOCUMENT NO. SD-130153-040

SHEET NO. 1 OF 1

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