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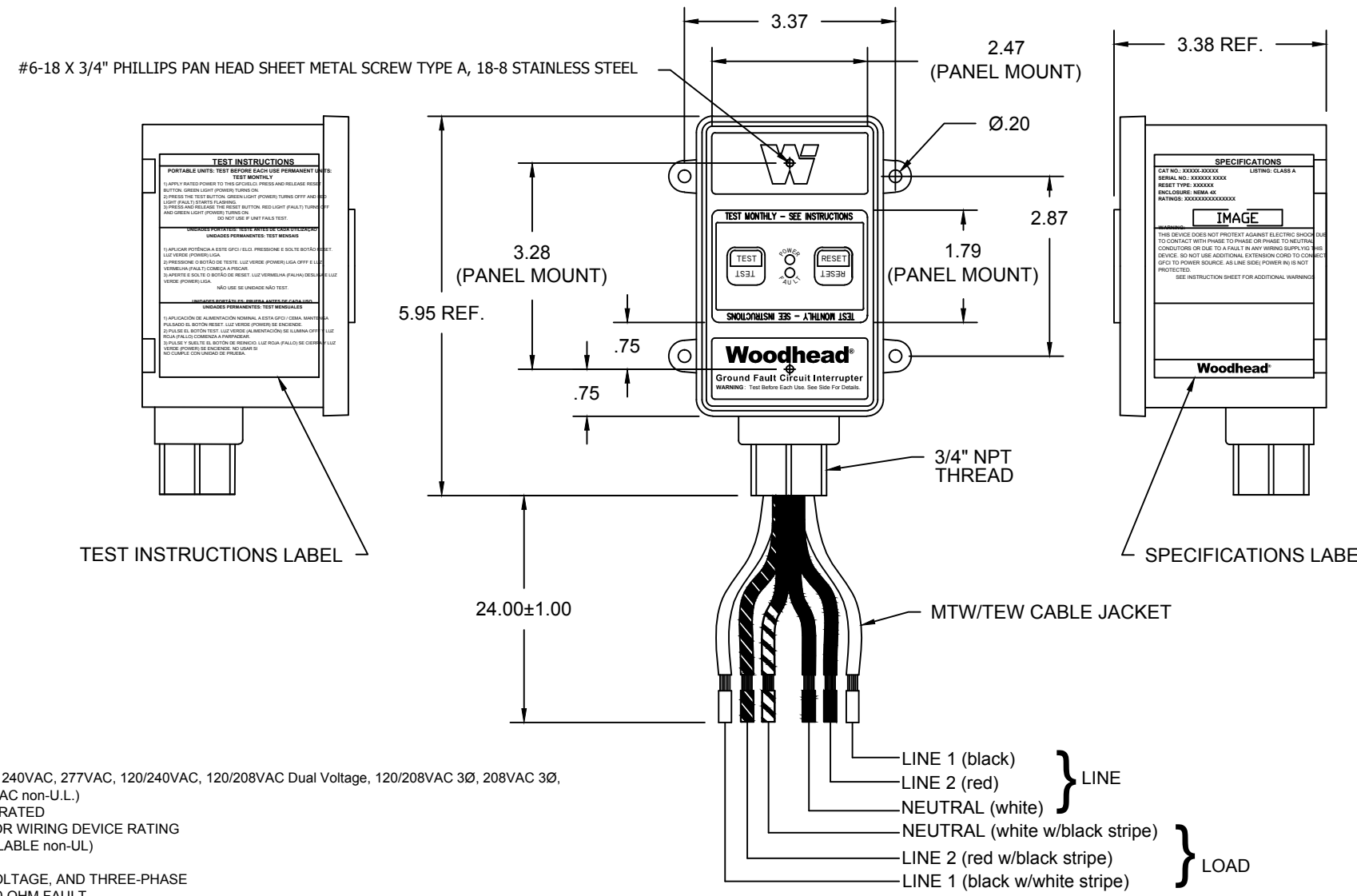
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**TECHNICAL:**  
**RATED VOLTAGE:** 120VAC, 208VAC, 240VAC, 277VAC, 120/240VAC, 120/208VAC Dual Voltage, 120/208VAC 3Ø, 208VAC 3Ø, 240VAC 3Ø (277VAC non-U.L.)  
**OPERATING VOLTAGE RANGE:** 85% TO 110% OF RATED  
**CURRENT:** UP TO 30 AMPS OR WIRING DEVICE RATING  
**FREQUENCY:** 60Hz, 50Hz (AVAILABLE non-U.L.)  
**TRIP LEVEL:** 5 ± 1mA  
**PHASE:** SINGLE, DUAL VOLTAGE, AND THREE-PHASE  
**RESPONSE TIME:** 25 mS MAX. @500 OHM FAULT  
**DIELECTRIC WITHSTAND:** 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  
**OPERATING TEMPERATURE RANGE:** -35°C TO +66°C (-31°F TO +151°F)  
**LEAKAGE CURRENT @ 93% HUMIDITY:** ZERO  
**OVERLOAD CURRENT:** 180 AMPS, 50% INDUCTIVE (25 CYCLES)  
**RF NOISE SUSCEPTIBILITY:** 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  
**CURRENT FILTERS:**  
**LET GO LINE VOLTAGE:** 60% OF RATED  
**GROUNDING DETECTION:** 2 OHMS OR LESS (ON APPLICABLE MODELS ONLY)

**GENERAL:**  
**CONSTRUCTION:** INDUSTRIAL GRADE DESIGN  
**TYPE:** CLASS A  
**POWER-UP TYPE:** AUTO OR MANUAL  
**ENDURANCE:** 5000 OPERATIONS MINIMUM AT RATED LOAD  
**OPEN NEUTRAL PROTECTION:** TRIPS UPON LOSS OF NEUTRAL (ON APPLICABLE MODELS ONLY)  
**GROUNDING DETECTION:** TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE (ON APPLICABLE MODELS ONLY)  
**POWER ON INDICATION:** LIGHTED GREEN LED  
**POWER OFF INDICATION:** BLINKING RED LED, PLUS OPTIONAL ANNUNCIATOR OF AC/DC OUTPUTS (ON APPLICABLE MODELS ONLY)  
**ENCLOSURE:** NEMA 4X/P6  
**MOUNTING TYPE:** PANEL, SURFACE AND PORTABLE  
**WIRING APPLICATION:** 3,4,5 WIRE SINGLE, SPLIT, AND 3-PHASE  
**WIRING CONNECTIONS:** PORTABLE (IN-LINE) AND PERMANENT (FIXED MOUNT) (SEE WIRING INSTRUCTIONS)  
**SWITCH INTERFACE:** DOUBLE INSULATED  
**LATCHING MECHANISM:** ELECTROMAGNETIC  
**FALSE TRIP DUE TO IMPACT:** NONE  
**AGENCY APPROVAL:** cULus, CSA, CSAus and cCSAus (U.L.943 and CSA C22.2 No. 144) (277VAC non-U.L.)

RESET TYPE	MATERIAL NO.	ENGINEERING NO.	PHASE
MANUAL	1301530264	30051-2MF	SINGLE PHASE
	1301530266	30053-2MF	SINGLE PHASE
AUTOMATIC	1301530263	30051-2AF	SINGLE PHASE
	1301530265	30053-2AF	SINGLE PHASE

UPDATED SPECS EC NO.: IPG2014-1788 DRWN: BARDEN 2014/04/25 CHKD: HKNEELAN 2014/04/30 APPR: JFMURPHY 2014/08/02	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE 30A 240VAC FIXED GFCI SINGLE PHASE #10AWG WIRE LEADS			
		3 PLACES	±---	±.005	BARDEN	2014/04/25				
		2 PLACES	±0.13	±.010	CHECKED BY	DATE	MOLEX INCORPORATED			
1 PLACE	±0.25	±.020	HKNEELAN	2014/04/30						
ANGULAR ±.5°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY JFMURPHY	DATE 2014/08/02	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-130153-042	SHEET NO. 1 OF 1		
REV A		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						