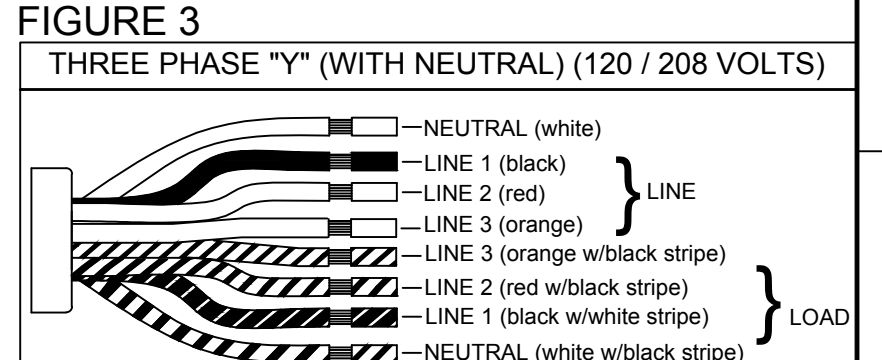
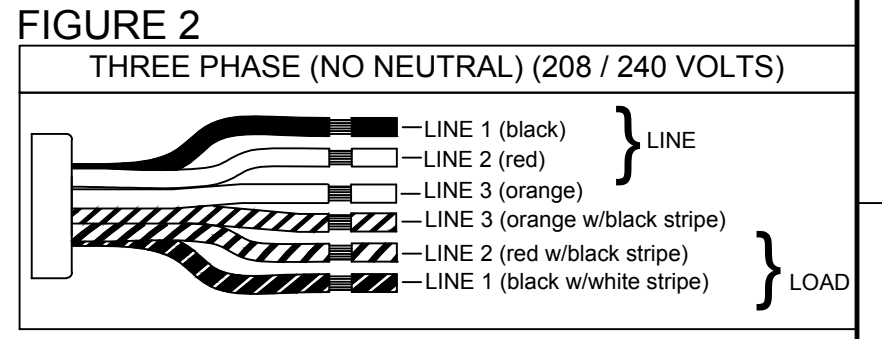
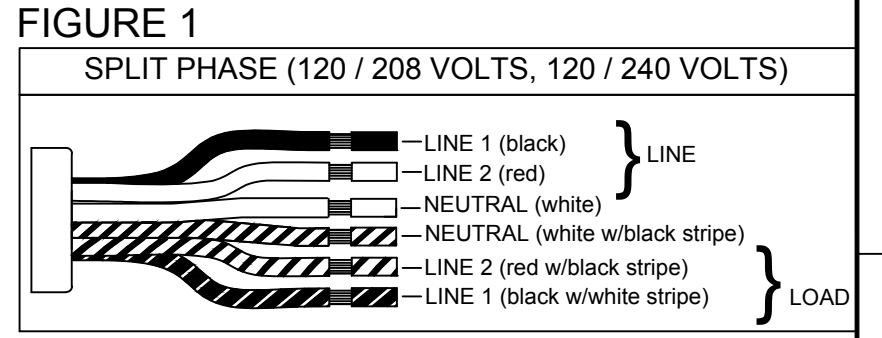
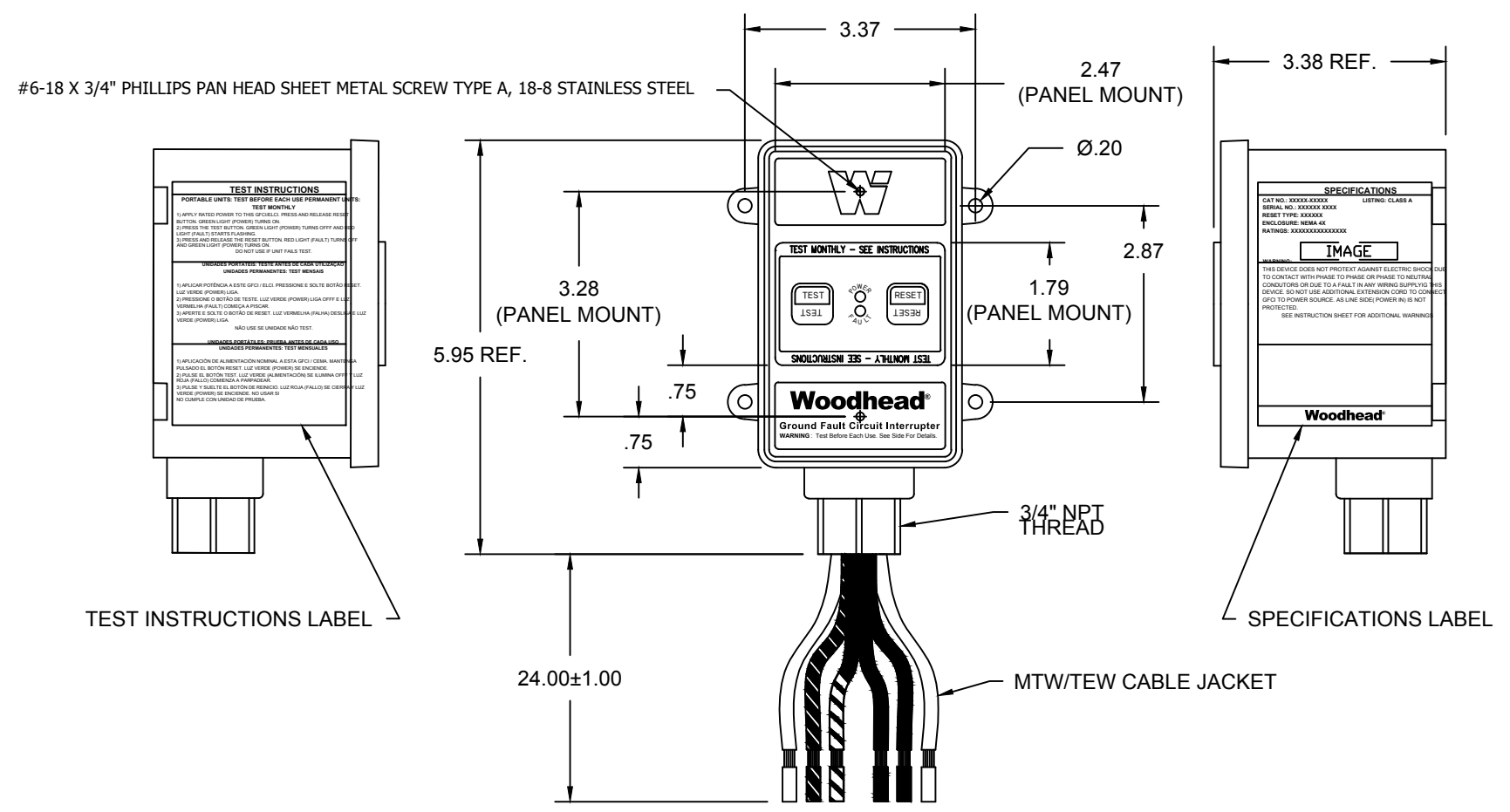


TECHNICAL:
RATED VOLTAGE: 120VAC, 208VAC, 240VAC, 277VAC, 120/240VAC, 120/208VAC Dual Voltage, 120/208VAC 3Ø, 208VAC 3Ø, 240VAC 3Ø (277VAC non-U.L.)
OPERATING VOLTAGE RANGE: 85% TO 110% OF RATED
CURRENT: UP TO 30 AMPS OR WIRING DEVICE RATING
FREQUENCY: 60Hz, 50Hz (AVAILABLE non-UL)
TRIP LEVEL: 5 ± 1mA
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
CURRENT FILTERS: SPECIFICALLY FILTERED TO MINIMIZE NUISANCE TRIPS IN WELDING, VARIABLE FREQUENCY DRIVE AND OTHER 'ELECTRICALLY NOISY' APPLICATIONS
LET GO LINE VOLTAGE: 60% OF RATED
GROUNDING NEUTRAL 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 NEUTRAL PROTECTION: 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	FIGURE
MANUAL	1301530239	30053-2M6F	SPLIT PHASE	FIGURE 1
	1301530240	30053-2M3F	THREE PHASE	FIGURE 2
	1301530241	30053-2M2F	THREE PHASE	FIGURE 2
	1301530242	30053-2M5F	THREE PHASE W/ NEUTRAL	FIGURE 3
AUTOMATIC	1301530243	30053-2A6F	SPLIT PHASE	FIGURE 1
	1301530244	30053-2A3F	THREE PHASE	FIGURE 2
	1301530245	30053-2A2F	THREE PHASE	FIGURE 2
	1301530246	30053-2A5F	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	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION
				IN/MM		
				DRAWN BY DATE		
				BARDEN 2014/01/08		
		3 PLACES ±--- ±.005		CHECKED BY DATE		TITLE PERMANENT GFCI 30AMP SPLIT & 3 PHASE #10AWG WIRE LEADS MOLEX INCORPORATED DOCUMENT NO. SD-130153-039 SHEET NO. 1 OF 1
		2 PLACES ±0.13 ±.010		DATE		
		1 PLACE ±0.25 ±.020		APPROVED BY DATE		
		ANGULAR ±1/2°		JFMURPHY 2014/03/27		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		
				SEE CHART		
				SIZE B		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		