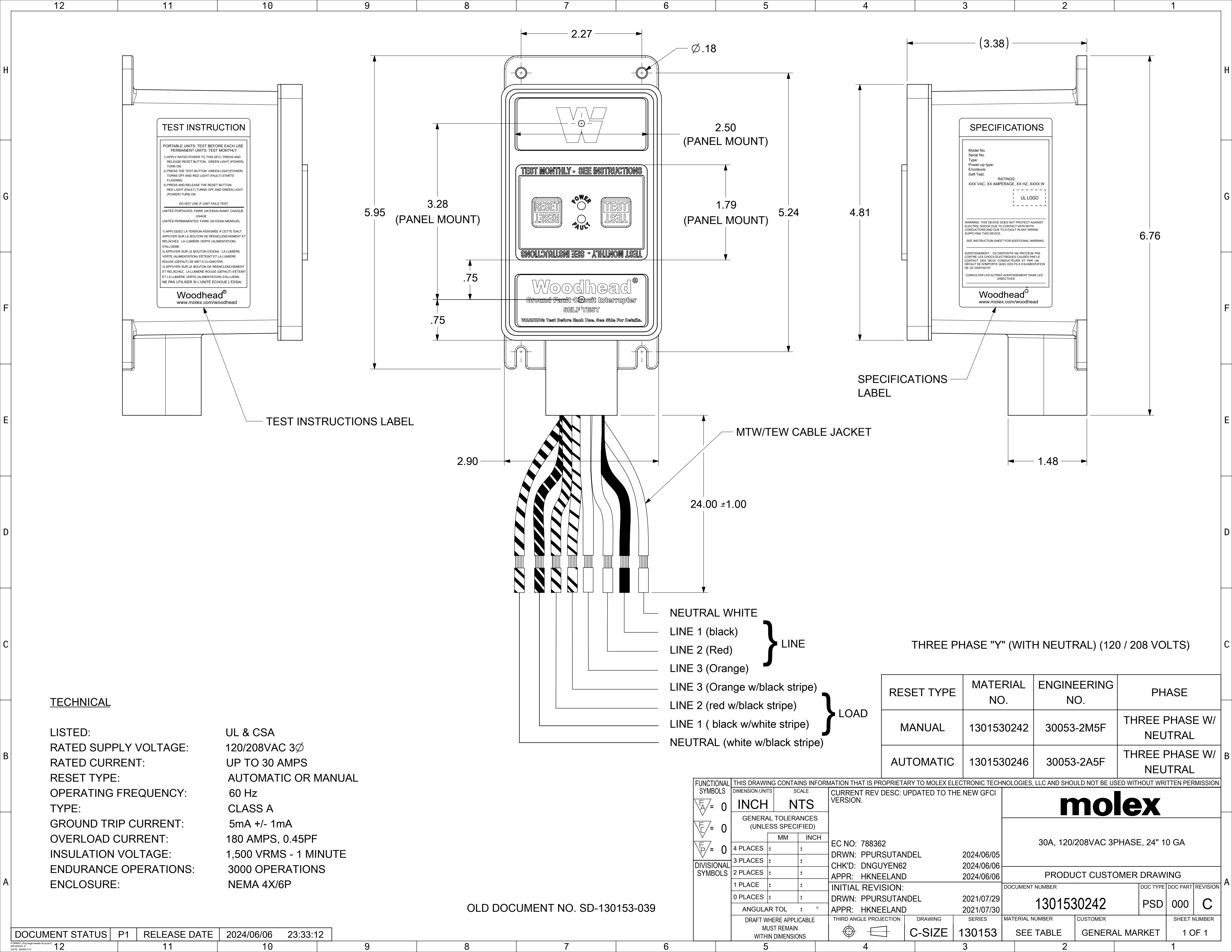




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TECHNICAL: RATED VOLTAGE: OPERATING VOLTAGE RANGE: CURRENT: FREQUENCY: TRIP LEVEL: PHASE: RESPONSE TIME: DIELECTRIC WITHSTAND: SURGE WITHSTAND: OPERATING TEMPERATURE RANGE: LEAKAGE CURRENT @ 93% HUMIDITY: OVERLOAD CURRENT: RF NOISE SUSCEPTIBILITY: CURRENT FILTERS: LET GO LINE VOLTAGE: GROUNDED 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: GROUNDED 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.)
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FIGURE 1

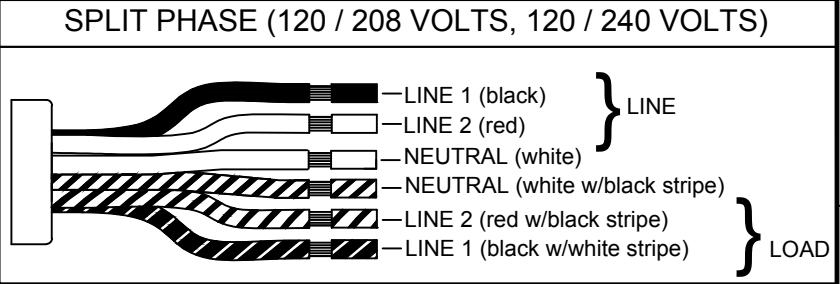


FIGURE 2

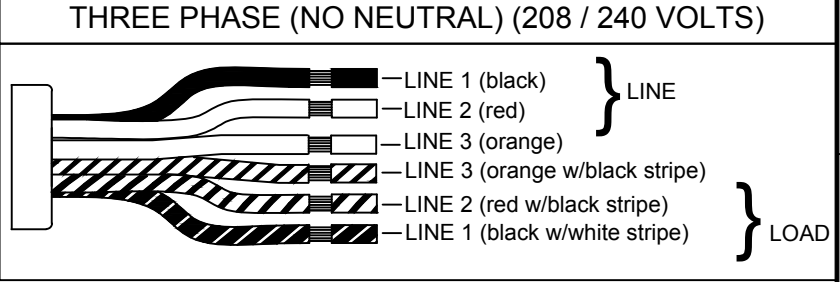
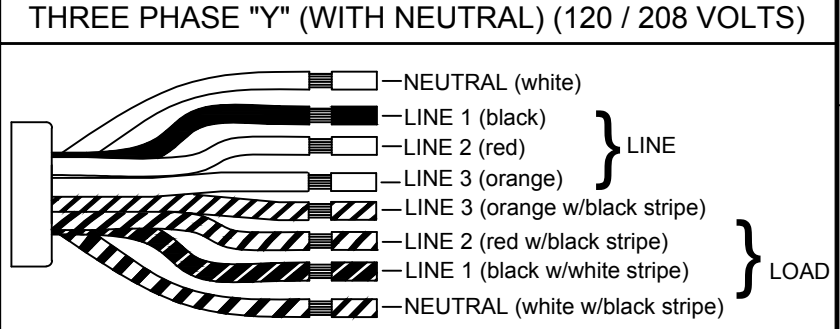


FIGURE 3



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 B		DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
			▽=0 Ⓢ=0		mm	INCH	DRAWN BY DATE BARDEN 2014/01/08		TITLE PERMANENT GFCI 30AMP SPLIT & 3 PHASE #10AWG WIRE LEADS			
				4 PLACES	±---	±---	CHECKED BY DATE HKNEELAN 2014/03/07					
				3 PLACES	±---	±.005	APPROVED BY DATE JFMURPHY 2014/03/27		molex MOLEX INCORPORATED			
				2 PLACES	±0.13	±.010						
1 PLACE	±0.25	±.020	ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-130153-039		SHEET NO. 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				