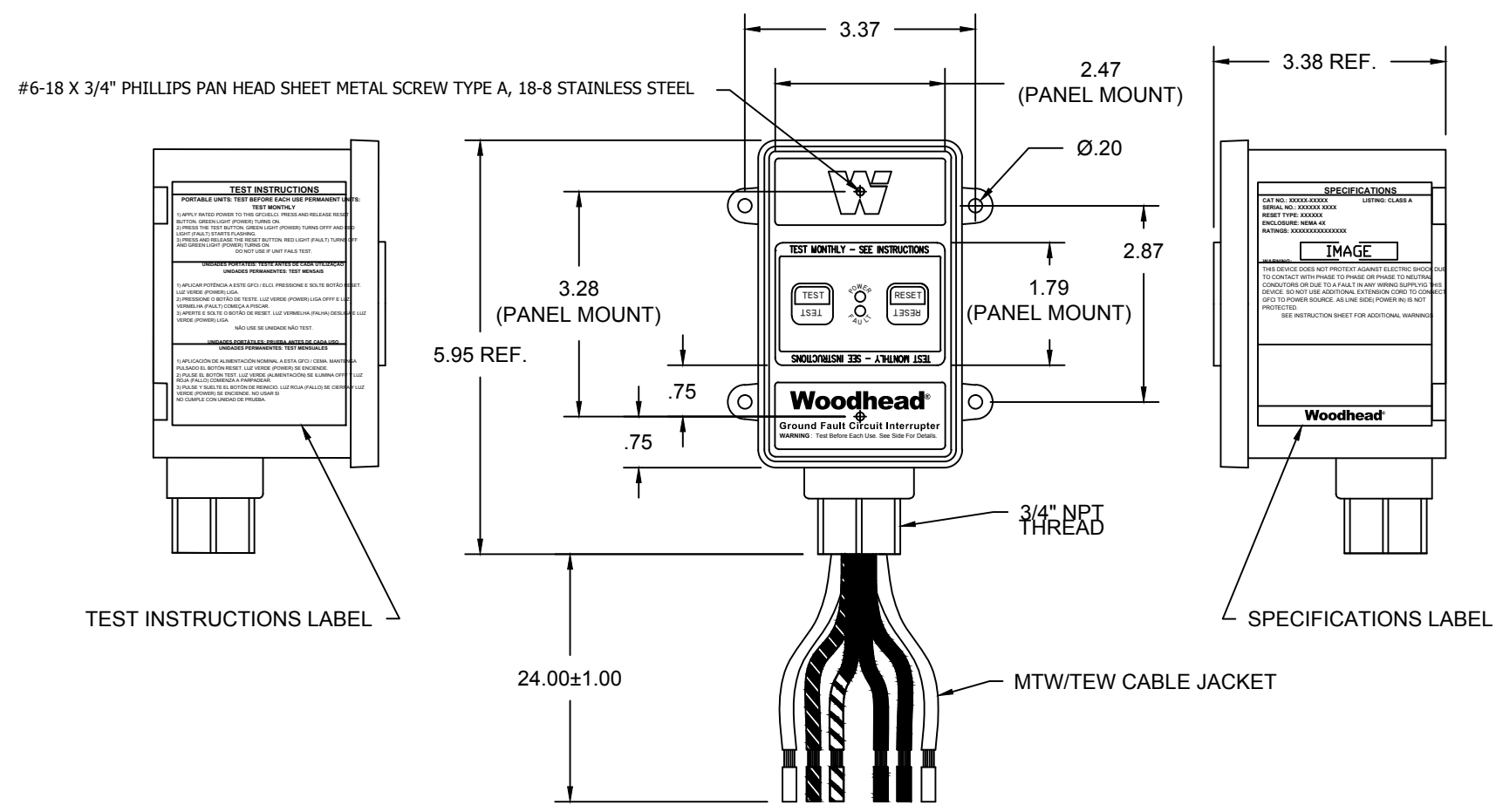


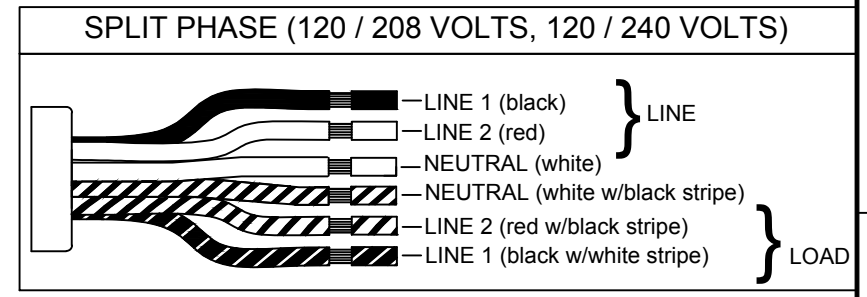
**TECHNICAL:**  
**RATED VOLTAGE:** 120VAC, 208VAC, 240VAC, 277VAC, 120/240VAC, 120/208VAC Dual Voltage, 120/208VAC 3Ø, 208VAC 3Ø, 240VAC 3Ø (277VAC non-U.L.)  
**OPERATING VOLTAGE RANGE:** 85% TO 110% OF RATED  
**CURRENT:** UP TO 30 AMPS OR WIRING DEVICE RATING  
**FREQUENCY:** 60Hz, 50Hz (AVAILABLE 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 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 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.)

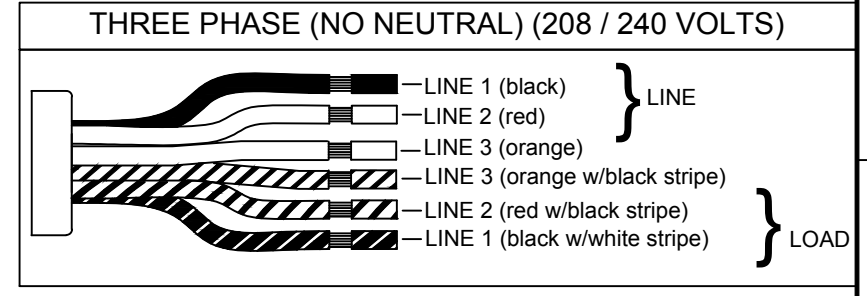
**INDUSTRIAL GRADE DESIGN**  
 CLASS A  
 AUTO OR MANUAL  
 5000 OPERATIONS MINIMUM AT RATED LOAD  
 TRIPS UPON LOSS OF NEUTRAL (ON APPLICABLE MODELS ONLY)  
 TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE (ON APPLICABLE MODELS ONLY)  
 LIGHTED GREEN LED  
 BLINKING RED LED, PLUS OPTIONAL ANNUNCIATOR OF AC/DC OUTPUTS (ON APPLICABLE MODELS ONLY)  
 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.)



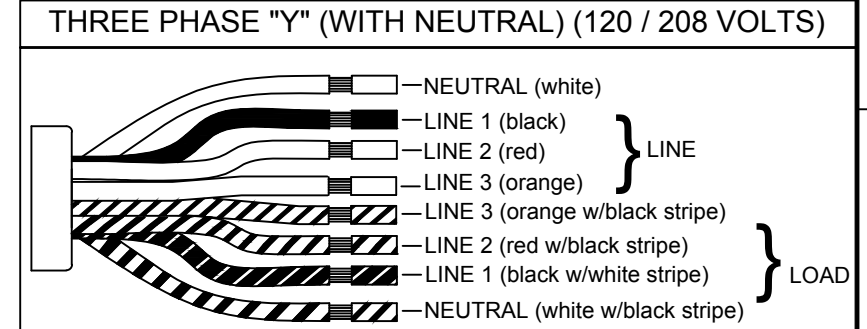
**FIGURE 1**



**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 |
| AUTOMATIC  | 1301530242   | 30053-2M5F      | THREE PHASE W/ NEUTRAL | FIGURE 3 |
|            | 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<br>EC NO: IPG2014-1788<br>DRWN: BARDEN 2014/04/14<br>CHKD: HKNEELAN 2014/04/30<br>APPR: JFMURPHY 2014/03/27 | QUALITY SYMBOLS<br>▽=0<br>◁=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                        | DIMENSION STYLE   |                            | SCALE NTS<br>DESIGN UNITS INCH<br>THIRD ANGLE PROJECTION |                 |
|   |                               |                                       |                        | IN/MM   |                            |  |                 |
|   |                               | 4 PLACES                              | ±---                   | ±---  | DRAWN BY BARDEN            |  | DATE 2014/01/08 |
|   |                               | 3 PLACES                              | ±---                   | ±.005   | CHECKED BY HKNEELAN        |  | DATE 2014/03/07 |
| 2 PLACES  | ±0.13                         | ±.010                                 | APPROVED BY JFMURPHY   | DATE 2014/03/27   |                            |  |                 |
| 1 PLACE   | ±0.25                         | ±.020                                 | MATERIAL NO. SEE CHART |   | DOCUMENT NO. SD-130153-039 |  |                 |
| 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 |                            |  |                 |

**PERMANENT GFCI**  
**30AMP SPLIT & 3 PHASE**  
**#10AWG WIRE LEADS**  
**MOLEX INCORPORATED**

**SD-130153-039**  
**1 OF 1**



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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