



**TECHNICAL:**  
 RATED VOLTAGE: 240VAC  
 OPERATING VOLTAGE RANGE: 85% TO 110% OF RATED  
 CURRENT: UP TO 20 AMPS OR DEVICE RATING  
 FREQUENCY: 60Hz  
 TRIP LEVEL: 5 ± 1mA  
 PHASE: SINGLE  
 RESPONSE TIME: 25 mS MAX.  
 DIELECTRIC WITHSTAND: 1500 VRMS ACROSS CONTACT  
 SURGE WITHSTAND: 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 +150°F)  
 LEAKAGE CURRENT @ 93% HUMIDITY: ZERO  
 OVERLOAD CURRENT: 120 AMPS, 50% INDUCTIVE  
 RF NOISE SUSCEPTIBILITY: NORMAL OPERATION WITH 0.5 VRMS INJECTED ON POWER LINE WITH FREQUENCIES UP TO 450 MHz  
 LET GO LINE VOLTAGE: 60% OF RATED  
 GROUNDED NEUTRAL DETECTION: 2 OHMS OR LESS

**GENERAL:**  
 CONSTRUCTION: INDUSTRIAL GRADE DESIGN  
 TYPE: CLASS A  
 POWER-UP TYPE: AUTO  
 OPEN NEUTRAL PROTECTION: TRIPS UPON LOSS OF NEUTRAL  
 GROUNDED NEUTRAL PROTECTION: TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE  
 POWER ON INDICATION: LIGHTED GREEN LED  
 POWER OFF INDICATION: BLINKING RED LED  
 MOUNTING TYPE: PORTABLE  
 WIRE APPLICATION: 3 WIRE, SINGLE PHASE (HOT, NEUTRAL AND GROUND)  
 WIRING CONNECTIONS: PORTABLE (IN-LINE)  
 SWITCH INTERFACE: DOUBLE INSULATED  
 LATCHING MECHANISM: ELECTROMAGNETIC  
 FALSE TRIP DUE TO IMPACT: NONE  
 AGENCY APPROVAL: NONE

RELEASE DRAWING EC NO.: IPG2018-0120 DRWN: BPATTERS 2017/08/16 CH'KD: WLEUNG APPR: HKNEELAN 2017/08/28	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0			INCH		NTS	INCH		
	∇=0	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE		
		3 PLACES	±---	±---	BPATTERS	2017/08/16	240VAC 20A INLINE GFCI 1FT #12-3 W/ 2648 LINE 8FT #12-3 W/ FLYLDS LOAD		
	2 PLACES	±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED			
	1 PLACE	±---	±---	WLEUNG	----	MATERIAL NO. 1301530276			
		ANGULAR ±.5°		APPROVED BY	DATE	DOCUMENT NO. SD-130153-276		SHEET NO. 1 OF 1	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		HKNEELAN	2017/08/28	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
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