



SPECIFICATIONS

TECHNICAL:	
RATED VOLTAGE:	120VAC
OPERATING VOLTAGE RANGE:	85% TO 110% OF RATED
CURRENT:	UP TO 30 AMPS
FREQUENCY:	60Hz
TRIP LEVEL:	5mA +/- 1mA
PHASE:	SINGLE
RESPONSE TIME:	25 mS MAX.
DIELECTRIC WITHSTAND:	1500 VRMS ACROSS CONTACT
	4000 VRMS BETWEEN CONDUCTORS AND ENCLOSURE
SURGE WITHSTAND:	6000V IMPULSE, 0.5 MICROSECOND RISE TIME
	100KHZ RINGING FREQUENCY WITH 40% DECAY PER CYCLE
OPERATING TEMPERATURE RANGE:	-35 DEGREE CELSIUS TO +66 DEGREE CELSIUS
LEAKAGE CURRENT @ 93% HUMIDITY:	ZERO
OVERLOAD CURRENT:	180 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
GROUNDING NEUTRAL DETECTION:	6 OHMS OR LESS

GENERAL:	
CONSTRUCTION:	INDUSTRIAL GRADE DESIGN
TYPE:	CLASS A
POWER-UP TYPE:	MANUAL
ENDURANCE:	5000 OPERATIONS MINIMUM
OPEN NEUTRAL PROTECTION:	TRIPS UPON LOSS OF NEUTRAL
GROUNDING NEUTRAL PROTECTION:	TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE
POWER ON INDICATION:	LIGHTED GREEN LED
POWER OFF INDICATION:	BLINKING RED LED
ENCLOSURE:	NEMA 4X
MOUNTING TYPE:	PORTABLE
WIRING APPLICATION:	3 WIRE, SINGLE PHASE (HOT, NEUTRAL, GROUND)
SWITCH INTERFACE:	DOUBLE INSULATED
LATCHING MECHANISM:	ELECTROMAGNETIC
FALSE TRIP DUE TO IMPACT:	NONE
AGENCY APPROVAL:	NONE

RELEASE CUSTOMER APPROVAL EC NO: SCRNOVICH DRWN: HKNEELAN 2012/07/25 CH'KD: HKNEELAN APPR: JFMURPHY 2013/09/16	QUALITY SYMBOL ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				INCH		NTS	INCH			
			mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	±---	±---	HKNEELAN	2012/07/25	INLINE GFCI CORDSET WATERTITE NEMA L5-30 P&C W/ ORNG #10-3 SOOW CORD			
		3 PLACES	±---	±.005	CHECKED BY	DATE				
2 PLACES	±---	±.010	HKNEELAN	2013/09/03	MOLEX INCORPORATED					
1 PLACE	±---	±.020	APPROVED BY	DATE						
		ANGULAR ±1/2°		JFMURPHY	2013/09/16	DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-130153-012		1 OF 1		
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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