



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
SURGE WITHSTAND: 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): NEMA 4X/P6
ENCLOSURE: PANEL, SURFACE AND PORTABLE
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.)

RUGGED, RAINPROOF, UV-STABILIZED ENCLOSURE RESISTS ABUSE, SUNLIGHT, OILS AND CHEMICALS

#10-3 SJEOOW 300V CORD COLOR: YELLOW

MATERIAL NUMBER	PART NUMBER	LENGTH "L"	LENGTH "A"	POWER-UP	RATED VOLTAGE
1301530261	30051-0A	2 FT 4 IN	1 FT	AUTO	120VAC
1301530262	30051-0M	2 FT 4 IN	1 FT	MANUAL	120VAC
1301530181	30053-0A	2 FT 4 IN	1 FT	AUTO	240VAC
1301530182	30053-0M	2 FT 4 IN	1 FT	MANUAL	240VAC

INITIAL RELEASE EC NO.: IPG2014-1788 DRWN: HRUIZ01 2013/02/11 CH'KD: HKNEELAN 2014/04/30 APPR: JFMURPHY 2014/08/02	DESCRIPTION A	REV	QUALITY SYMBOL ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						INCH		NTS	INCH		
						mm	INCH	DRAWN BY DATE		TITLE	
						4 PLACES ±---	±---	HRUIZ01 2013/02/11	SUPER-SAFEWAY 30A INLINE GFCI W/ FLYING LEADS		
		3 PLACES ±---	±.005	CHECKED BY DATE							
		2 PLACES ±0.13	±.010	HKNEELAN 2014/04/30							
		1 PLACE ±0.25	±.020	APPROVED BY DATE							
		ANGULAR ±.5°		JFMURPHY 2014/08/02		MOLEX INCORPORATED					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE TABLE		SD-130153-035		1 OF 1			
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					