M-10058 1

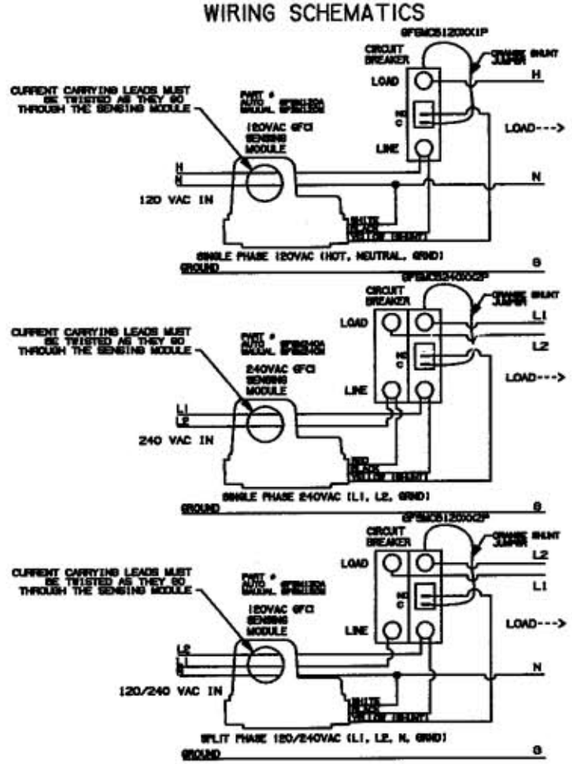
TECHNICAL:

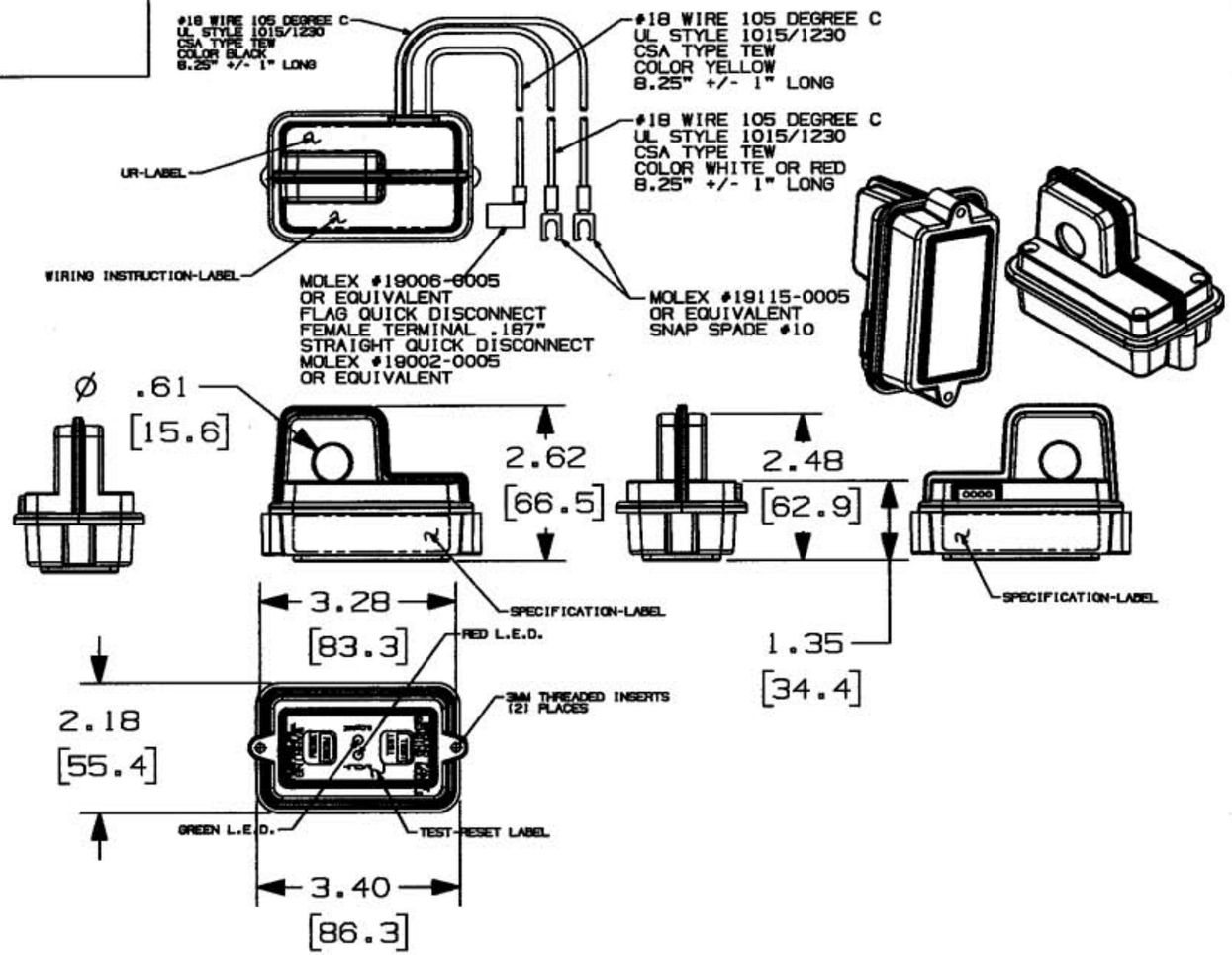
RATED VOLTAGE:	120VAC OR 240VAC
OPERATING VOLTAGE RANGE:	65% TO 110% OF RATED
CURRENT:	UP TO 50 AMPS (DETERMINED BY CIRCUIT BREAKER SELECTION)
FREQUENCY:	50Hz - 60Hz
TRIP LEVEL:	5mA +/- 1mA
PHASE:	SINGLE OR SPLIT
RESPONSE TIME:	25 mS MAX.
DIELECTRIC WITHSTAND:	1500 VRMS ACROSS CONTACT 4000 VRMS BETWEEN 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
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 & MANUAL
OPEN NEUTRAL PROTECTION:	TRIPS UPON LOSS OF NEUTRAL
GROUNDED NEUTRAL PROTECTION:	TRIPS IF GROUND AND NEUTRAL CONNECT AT LOAD SIDE
POWER ON INDICATION:	LIGHTED GREEN LED
POWER OFF INDICATION:	BLINKING RED LED
ENCLOSURE:	NEMA 4X WITH SUPPLIED GASKET
SWITCH INTERFACE:	DOUBLE INSULATED
FALSE TRIP DUE TO IMPACT:	NONE
AGENCY APPROVAL:	U.L. AND CUL

WIRING SCHEMATICS





GFSM120A, GFSM240A, GFMD120A & GFMD240A AUTO RESET
GFSM120M, GFSM240M, GFMD120M & GFMD240M MANUAL RESET

NOTE: GFCI SENSING MODULE MUST BE INSTALLED WITH A HUBBELL LEL SERIES CIRCUIT BREAKER (50A. MAX.)

CODE 74545

LIST OF PARTS

DESCRIPTION	MATERIAL	FINISH

DIMENSION SHEET FOR CAT. NO.

REPAIRABLE ☐ NON-REPAIRABLE ☐

SYM	REVISIONS	APP	DATE
1	INITIAL RELEASE PER DCN. 13040	SL	4-5-06

THE DESIGN AND DIMENSIONS OF THE PRODUCT SHOWN ON THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT NOTICE

TITLE GROUND FAULT SENSING MODULE 120 & 240VAC

TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS ±1/64
DECIMALS ±.005
ANGLES ±2°

WIRING DEVICE-KELLEMS
HUBBELL INCORPORATED
BRIDGEPORT, CT

DR. BY TJV	APP. BY SL
TR. BY	SCALE NONE
CHK'D BY	DATE 2-28-06

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