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# REVISIONS

REV	LTR	DATE	ENG	MKTG	Q.A.
A		08/24/06 <sup>SH</sup>	LC	SD	LJ

## MAXIMUM CHARACTERISTICS DATA (IX-M)

TURN-ON(@10mA):  
±31 Vdc TYPICAL  
UL 497B STRIKE VOLTAGE BREAKDOWN  
(100 Vdc /SEC RISE):  
±31 TO ±32 Vdc  
RESISTANCE:  
1Ω ±20%  
DATA RATE:  
UP TO 25Mbps  
MAX HOLDING CURRENT:  
400mA @ +20°C  
620mA @ -40°C  
290mA @ +50°C  
235mA @ +65°C

## MAXIMUM CHARACTERISTICS DATA (IX-T)

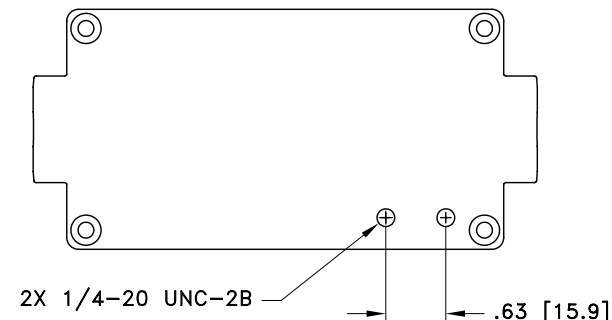
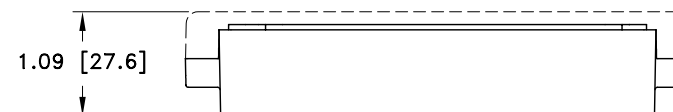
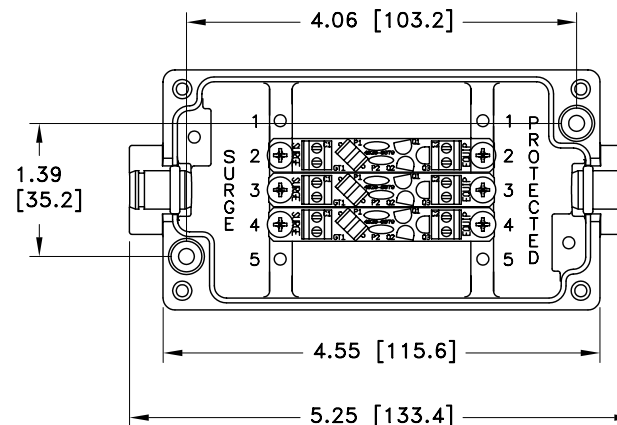
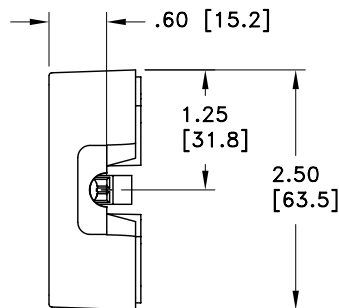
TURN-ON(@10mA):  
±210Vdc TYPICAL  
UL 497B STRIKE VOLTAGE BREAKDOWN  
(100 Vdc /SEC RISE):  
±190 TO ±260 Vdc  
RESISTANCE:  
1Ω ±20%  
DATA RATE:  
UP TO 25Mbps  
MAX HOLDING CURRENT:  
400mA @ +20°C  
620mA @ -40°C  
290mA @ +50°C  
235mA @ +65°C

## GENERAL CHARACTERISTICS

SURGE:  
BELLCORE 1089 10/1000μs 100A  
TEMPERATURE:  
-40°C TO +65°C STORAGE/OPERATING  
WIRE RANGE:  
16 TO 28 AWG.  
CORD DIAMETER:  
0.114 TO 0.225 INCH W/ SMALL GROMMET  
0.250 TO 0.350 INCH W/ LARGE GROMMET  
APPLICATION:  
PANEL MOUNT.  
WEATHERIZED AFTER PROPER INSTALLATION OF  
GROMMETS AND TORQUING OF LID.  
ENVIRONMENTAL:  
MEETS BELLCORE #TA-NWT-000487 PROCEDURE 4.11,  
WIND DRIVEN RAIN (70MPH) RAIN INTRUSION TEST.


## NOTES:

- TORQUE 4X M4-20mm LID SCREWS TO 11lbf-in MINIMUM.
- ENSURE THAT ALL GROMMETS ARE PROPERLY SEATED FOR ENVIRONMENTAL SPECIFICATIONS.



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER R. SWART	DATE 09/09/05	 P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476 DWG NO/PART NO/DESCRIPTION IX-1M2T CUSTOMER PRINT			
MECH ENGINEER R. SWART	DATE 09/12/05				
ELEC ENGINEER L. CHANG	DATE 09/09/05				
MARKETING H. HOFF	DATE 07/12/05				
QUALITY DEPT R. MATHEUS	DATE 09/09/05	CAGE CODE 61114	FILE NAME -C1	SCALE NOTED	SHEET 1 OF 1