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# REVISIONS

| REV | LTR | DATE | ENG | MKTG | Q.A. |
|-----|-----|------|-----|------|------|
|-----|-----|------|-----|------|------|

±31Vdc TYPICAL  
UL 497B STRIKE VOLTAGE BREAKDOWN  
(100 Vdc /SEC RISE):  
±31 TO ±32Vdc  
RESISTANCE:  
1Ω ±20%  
DATA RATE:

MAX HOLDING CURRENT:  
400mA @ +20°C  
620mA @ -40°C  
290mA @ +50°C  
235mA @ +65°C

## MAXIMUM CHARACTERISTICS (DC24)

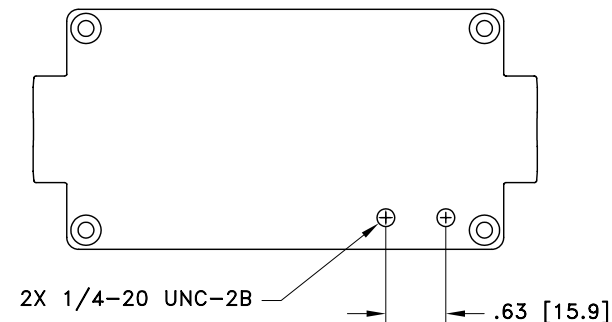
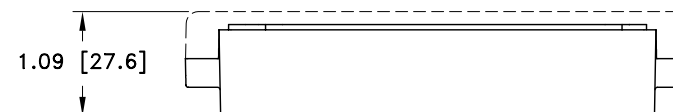
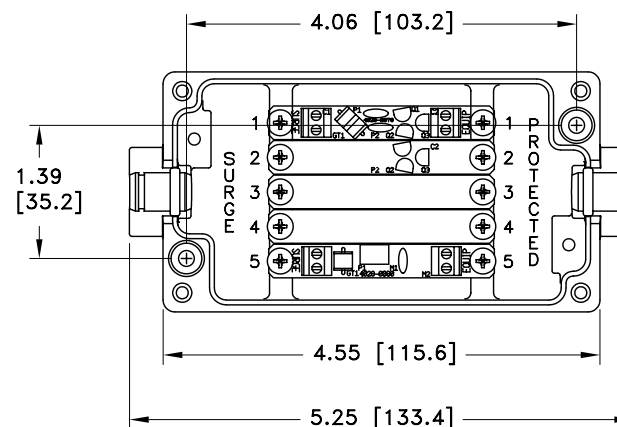
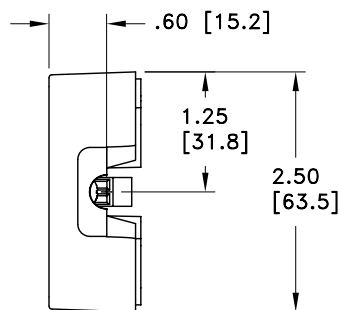
TURN-ON (@10mA):  
±33Vdc ±10%  
UL 497B STRIKE VOLTAGE BREAKDOWN  
(100 Vdc /SEC RISE):  
±30.8 TO ±33.2Vdc  
RESISTANCE:  
.05Ω ±20%  
CURRENT:  
2A MAX  
MAX HOLDING CURRENT:  
3.00A @ +20°C  
4.13A @ -40°C  
2.43A @ +50°C  
2.10A @ +65°C

## 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<br>S. HALL          | DATE<br>08/30/06 | <br>P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476<br>DWG NO/PART NO/DESCRIPTION<br>IX-4M1DC24<br>CUSTOMER PRINT |                  |                |                 |
| MECH ENGINEER<br>M. MATTSON | DATE<br>09/08/06 |                                                                                                                                                                                                                           |                  |                |                 |
| ELEC ENGINEER<br>L. CHANG   | DATE<br>09/29/06 |                                                                                                                                                                                                                           |                  |                |                 |
| MARKETING<br>C. PACHECO     | DATE<br>09/21/06 |                                                                                                                                                                                                                           |                  |                |                 |
| QUALITY DEPT<br>L. JACQUES  | DATE<br>09/21/06 | CAGE CODE<br>61114                                                                                                                                                                                                        | FILE NAME<br>-C1 | SCALE<br>NOTED | SHEET<br>1 OF 1 |