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

### MAXIMUM CHARACTERISTICS DATA (IX-H)

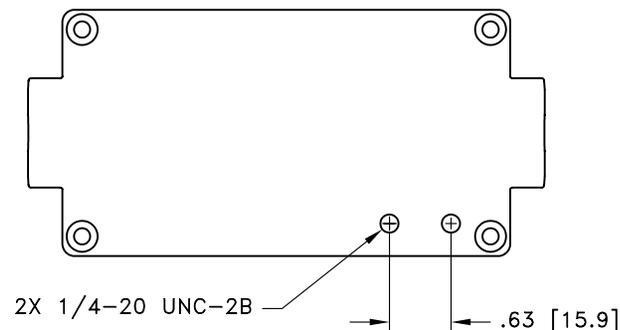
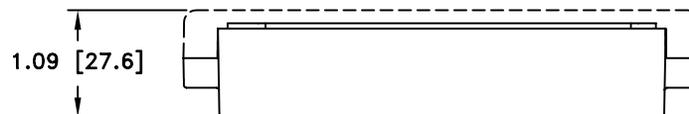
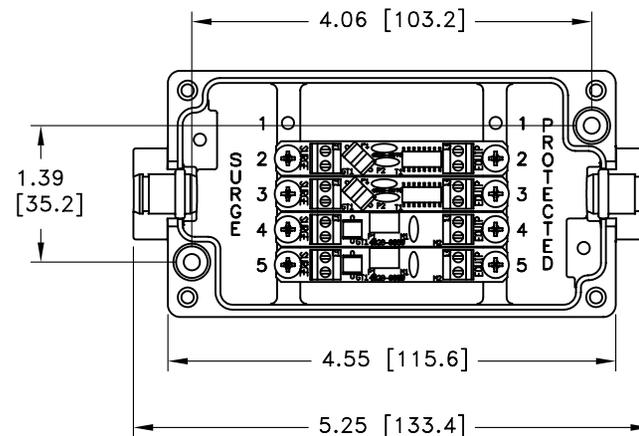
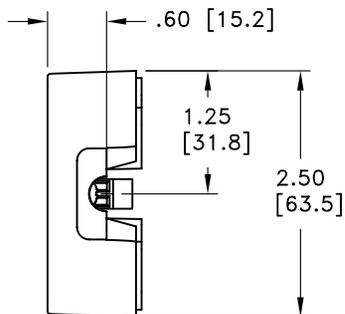
TURN-ON(@10mA):  
**+9Vdc ±10%**  
 UL 497B STRIKE VOLTAGE BREAKDOWN  
 (100 Vdc /SEC RISE):  
**+8.4 TO +9.6 Vdc**  
 RESISTANCE:  
 $1\Omega \pm 20\%$   
 DATA RATE:  
 UP TO 100Mbps  
 MAX HOLDING CURRENT:  
 400mA @ +20°C  
 620mA @ -40°C  
 290mA @ +50°C  
 235mA @ +65°C

### MAXIMUM CHARACTERISTICS (DC24)

TURN-ON (@10mA):  
**±33Vdc ±10%**  
 UL 497B STRIKE VOLTAGE BREAKDOWN  
 (100 Vdc /SEC RISE):  
**±30.8 TO ±33.2 Vdc**  
 RESISTANCE:  
 $.05\Omega \pm 20\%$   
 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 10/1000 $\mu$ s 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.



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

### NOTES:

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

|               |          |
|---------------|----------|
| DRAFTER       | DATE     |
| S. HALL       | 08/25/06 |
| MECH ENGINEER | DATE     |
| M. MATTSON    | 09/08/06 |
| ELEC ENGINEER | DATE     |
| L. CHANG      | 09/29/06 |
| MARKETING     | DATE     |
| C. POCHECO    | 09/21/06 |
| QUALITY DEPT  | DATE     |
| L. JACQUES    | 09/21/06 |

|   |           |       |        |
|---|-----------|-------|--------|
| <b>PolyPhaser</b>   |           |       |        |
| <small>P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476</small> |           |       |        |
| <small>DWG NO/PART NO/DESCRIPTION</small>   |           |       |        |
| <b>IX-2H2DC24</b>   |           |       |        |
| <b>CUSTOMER PRINT</b>   |           |       |        |
| CAGE CODE   | FILE NAME | SCALE | SHEET  |
| 61114   | -C1       | NOTED | 1 OF 1 |