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REVISIONS

REV LTR	DATE	ENG	MKTG	Q.A.
A	09/30/03 <sub>RS</sub>	LC	SD	LJ

**MAXIMUM CHARACTERISTICS DATA**

TURN-ON(@10mA):  
 ±12Vdc ±10%  
 UL 497B STRIKE VOLTAGE BREAKDOWN  
 (100 Vdc /SEC RISE):  
 +10.0 TO +12.4 Vdc  
 RESISTANCE:  
 1Ω ±20%  
 DATA RATE:  
 UP TO 25Mbps  
 MAX HOLDING CURRENT:  
 400mA @ +20°C  
 620mA @ -40°C  
 290mA @ +50°C

**MAXIMUM CHARACTERISTICS DC**

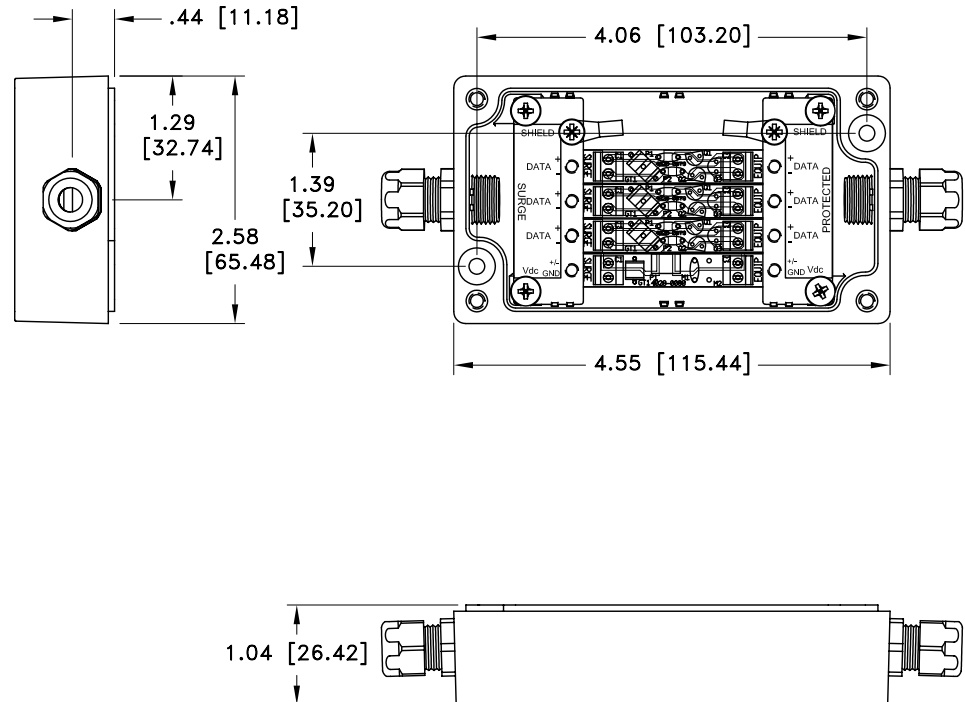
TURN-ON (@10mA):  
 ±56Vdc ±10%  
 UL 497B STRIKE VOLTAGE BREAKDOWN  
 (100 Vdc /SEC RISE):  
 ±54.8 TO ±58.0 Vdc  
 RESISTANCE:  
 .05Ω ±20%  
 CURRENT:  
 2A MAX  
 MAX HOLDING CURRENT:  
 3.00A @ +20°C  
 4.13A @ -40°C  
 2.43A @ +50°C

**GENERAL CHARACTERISTICS**

SURGE:  
 BELLCORE 1089 10/1000μs 100A  
 TEMPERATURE:  
 -40°C TO +65°C STORAGE/OPERATING +50°C  
 WIRE RANGE:  
 16 TO 28 AWG.  
 CORD DIAMETER:  
 0.114 TO 0.250 INCH  
 APPLICATION:  
 WEATHERIZED AFTER PROPER TORQUE OF LID AND  
 THRU FITTINGS, PANEL MOUNT.  
 ENVIRONMENTAL:  
 MEETS BELLCORE #TA-NWT-000487 PROCEDURE 4.11,  
 WIND DRIVEN RAIN (70MPH) RAIN INTRUSION TEST.


NOTES:

- TORQUE 4X M4-20MM LID SCREWS TO 11 lbf-in MINIMUM.
- ENSURE THAT ALL THRU FITTINGS ARE TORQUED FOR ENVIRONMENTAL SPECIFICATIONS.



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

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER R. SWART	DATE 06/30/03	 P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476 DWG NO/PART NO/DESCRIPTION <b>IX-3L1DC48/W</b> CUSTOMER PRINT	
MECH ENGINEER R. DUNNING	DATE 07/09/03		
ELEC ENGINEER L. CHANG	DATE 07/01/03		
MARKETING S. DOTTER	DATE 07/08/03		
QUALITY DEPT L. JACQUES	DATE 07/08/03		
CAGE CODE 61114	FILE NAME -C1	SCALE 1/2	SHEET 1 OF 1