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REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.

MAXIMUM CHARACTERISTICS DATA

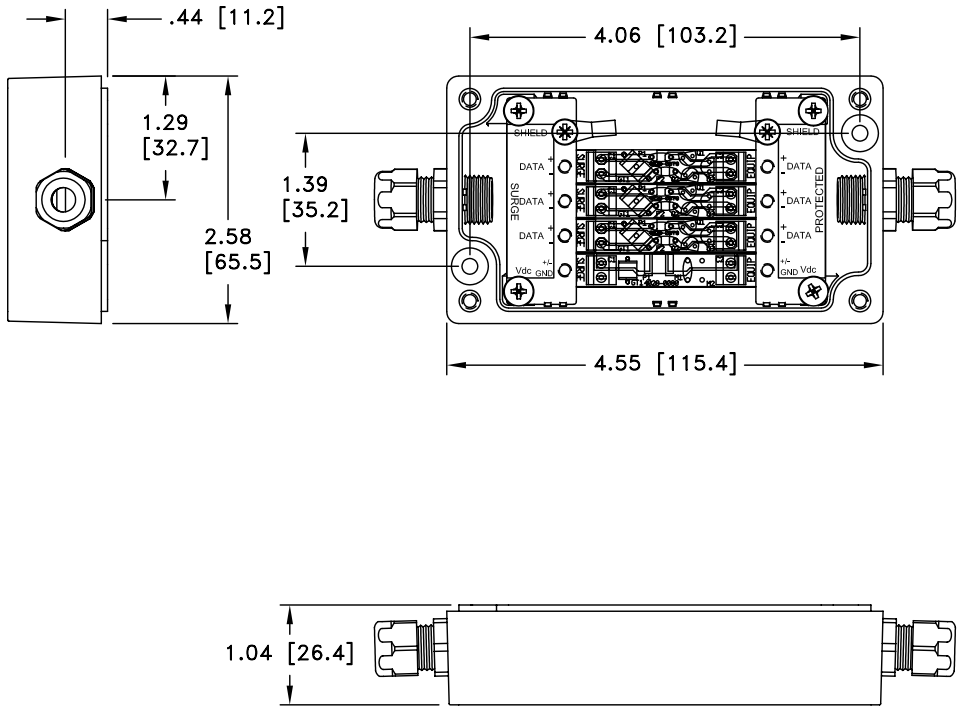
TURN-ON(@10mA):
±30Vdc TYPICAL
UL 497B STRIKE VOLTAGE BREAKDOWN
(100 Vdc /SEC RISE):
±31 TO ±32 Vdc
RESISTANCE:
1Ω ±20%
DATA RATE:
UP TO 25Mbps
MAX HOLDING CURRENT:
400mA @ +20°C
620mA @ −40°C
290mA @ +50°C

MAXIMUM CHARACTERISTICS DC

TURN-ON (@10mA):
±33Vdc ±10%
UL 497B STRIKE VOLTAGE BREAKDOWN
(100 Vdc /SEC RISE):
±30.8 TO ±33.2 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.



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

NOTES:

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

DRAFTER R. SWART	DATE 03/10/04	PolyPhaser			
MECH ENGINEER R.DUNNING	DATE 03/11/04	P.O. BOX 9000 MINDEN, NV 89423 TEL: 775−782−2511 FAX: 775−782−4476			
ELEC ENGINEER L. CHANG	DATE 03/10/04	DWG NO/PART NO/DESCRIPTION IX−3M1DC24/W CUSTOMER PRINT			
MARKETING S. DOTTER	DATE 03/11/04				
QUALITY DEPT L. JACQUES	DATE 03/11/04	CAGE CODE 61114	FILE NAME −C1	SCALE 1/2	SHEET 1 OF 1