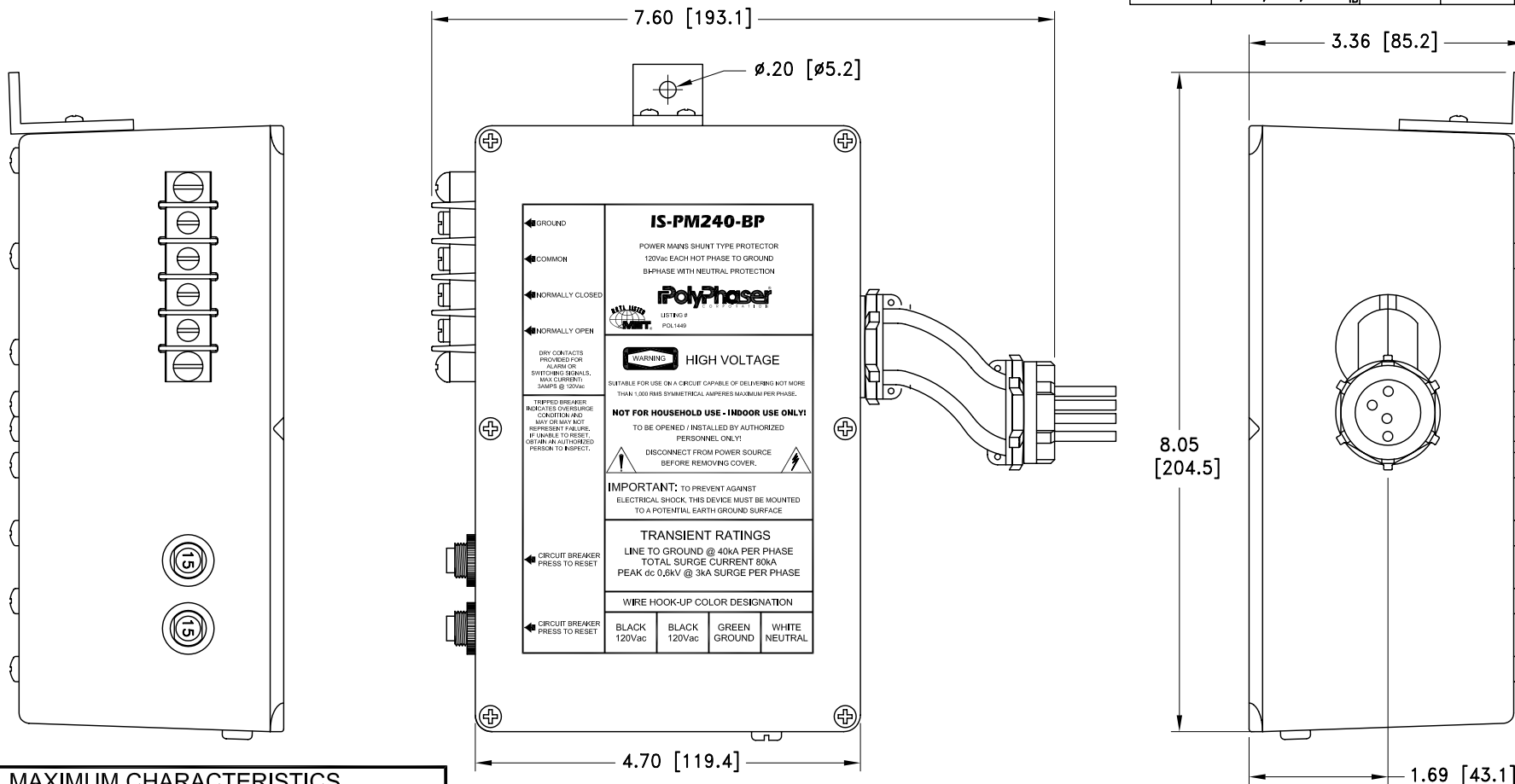


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REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.
B	03/08/01 _{IB}	KCB	PH	RM
C	11/15/02 _{IB}	LC	SD	LJ



MAXIMUM CHARACTERISTICS
APPLICATION: FLANGE MOUNT
SURGE: 40kA PER PHASE IEC 1000-4-5 8/20μs WAVEFORM
TURN-ON (PHASE TO GROUND): 205Vdc / 145Vac
TURN-ON TIME: ≤25ns FOR FULL LEAD LENGTH 2kV/ns
TOTAL SURGE ENERGY: 1040J
TOTAL SURGE CURRENT: 80kA
PEAK dc VOLTAGE w/ 3kA SURGE: 600V
TEMPERATURE: +5°C TO +40°C STORAGE/OPERATING

←GROUND
←COMMON
←NORMALLY CLOSED
←NORMALLY OPEN

IS-PM240-BP
POWER MAINS SHUNT TYPE PROTECTOR
120Vac EACH HOT PHASE TO GROUND
BIPHASE WITH NEUTRAL PROTECTION

PolyPhaser
LISTING #
PCL1449

WARNING HIGH VOLTAGE
SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN 1,000 RMS SYMMETRICAL AMPERES MAXIMUM PER PHASE.

NOT FOR HOUSEHOLD USE - INDOOR USE ONLY!
TO BE OPENED / INSTALLED BY AUTHORIZED PERSONNEL ONLY!
DISCONNECT FROM POWER SOURCE BEFORE REMOVING COVER.

IMPORTANT: TO PREVENT AGAINST ELECTRICAL SHOCK THIS DEVICE MUST BE MOUNTED TO A POTENTIAL EARTH GROUND SURFACE

TRANSIENT RATINGS
LINE TO GROUND @ 40kA PER PHASE
TOTAL SURGE CURRENT 80kA
PEAK dc 0.8kV @ 3kA SURGE PER PHASE

WIRE HOOK-UP COLOR DESIGNATION

BLACK 120Vac	BLACK 120Vac	GREEN GROUND	WHITE NEUTRAL
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DRY CONTACTS PROVIDED FOR ALARM OR SWITCHING SIGNALS. MAX CURRENT: 5AMPS @ 120Vac

TRIPPED BREAKER INDICATES OVERSURGE OCCURRENCE AND MAY OR MAY NOT REPRESENT FAILURE. IF UNABLE TO RESET OBTAIN AN AUTHORIZED PERSON TO INSPECT.

←CIRCUIT BREAKER PRESS TO RESET

←CIRCUIT BREAKER PRESS TO RESET

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER R. DUNNING	DATE 05/09/94	 P.O. BOX 9000, MINDEN, NV 89423-9000 (775) 782-2511 FAX (775) 782-4476 DWG NO/PART NO/DESCRIPTION IS-PM240-BP CUSTOMER PRINT			
MECH ENGINEER - - - - -	DATE - - - - -				
ELEC ENGINEER J. JONES	DATE 05/09/94				
MARKETING - - - - -	DATE - - - - -				
QUALITY DEPT R. MATHEUS	DATE 05/09/94	CAGE CODE 61114	FILE NAME -C1	SCALE 1/2	SHEET 1 OF 1