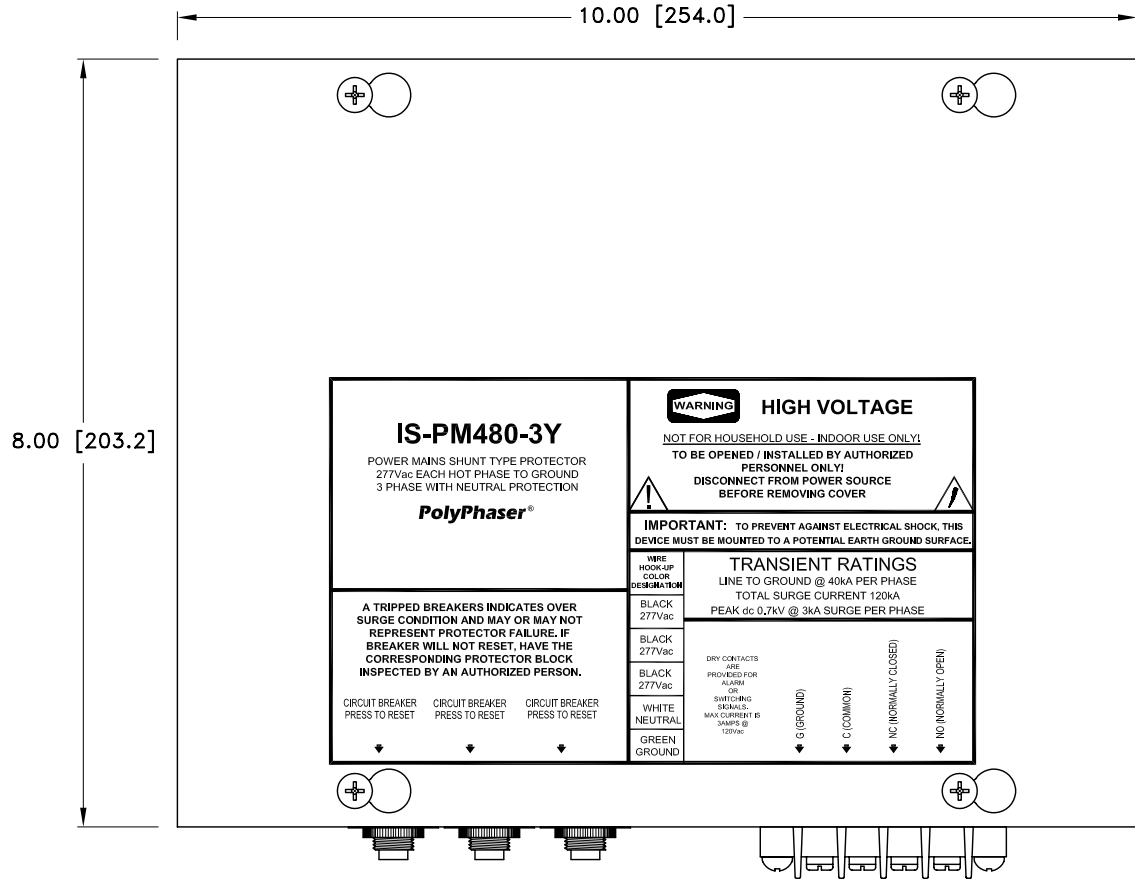
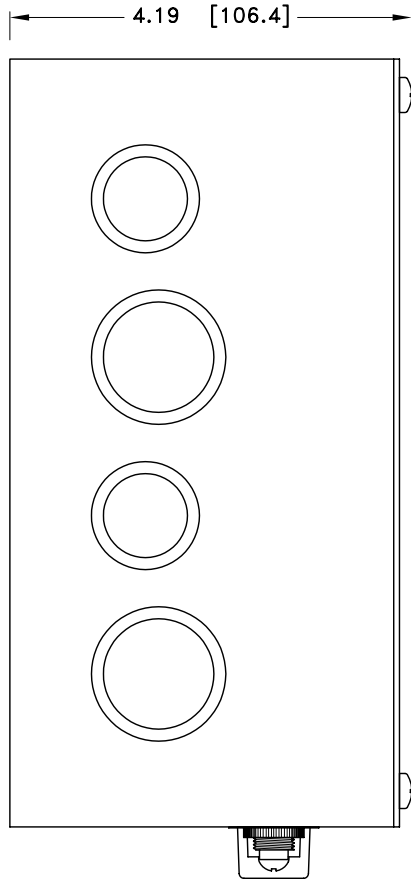


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REVISIONS

REV LTR	DATE	ENG	MKTG	Q.A.
A	09/30/98 <sup>SH</sup>	KCB	--	RM
B	08/20/01 <sup>IB</sup>	BL	PH	RM



**IS-PM480-3Y**  
POWER MAINS SHUNT TYPE PROTECTOR  
277Vac EACH HOT PHASE TO GROUND  
3 PHASE WITH NEUTRAL PROTECTION

**PolyPhaser®**

**WARNING HIGH VOLTAGE**  
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.

WIRE HOOK-UP COLOR DESIGNATION	TRANSIENT RATINGS
BLACK 277Vac	LINE TO GROUND @ 40KA PER PHASE TOTAL SURGE CURRENT 120KA PEAK dc 0.7KV @ 3KA SURGE PER PHASE
BLACK 277Vac	DRY CONTACTS ARE PROVIDED FOR ALARM USE SWITCHING SIGNAL: MAX CURRENT IS 100mA
BLACK 277Vac	
WHITE NEUTRAL	G (GROUND)
GREEN GROUND	C (COMMON)
	NC (NORMALLY CLOSED)
	NO (NORMALLY OPEN)

A TRIPPED BREAKERS INDICATES OVER SURGE CONDITION AND MAY OR MAY NOT REPRESENT PROTECTOR FAILURE. IF BREAKER WILL NOT RESET, HAVE THE CORRESPONDING PROTECTOR BLOCK INSPECTED BY AN AUTHORIZED PERSON.

CIRCUIT BREAKER PRESS TO RESET    CIRCUIT BREAKER PRESS TO RESET    CIRCUIT BREAKER PRESS TO RESET

MAXIMUM CHARACTERISTICS
SURGE: 40kA PER PHASE IEC 1000-4-5 8/20μs WAVEFORM
TURN-ON (PHASE TO GROUND): 425Vdc / 300Vac
TURN-ON TIME: ≤25ns FOR FULL LEAD LENGTH 2kV/ns
TOTAL SURGE CURRENT: 160kA
PEAK dc VOLTAGE WITH 3kA SURGE: 850V
TEMPERATURE: +5°C TO +40°C STORAGE/OPERATING +40°C

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

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER <b>C. GASPARINI</b>	DATE <b>04/22/97</b>	<p style="font-size: large; font-weight: bold;">PolyPhaser®</p> <p style="font-size: x-small;">P.O. BOX 9000, MINDEN, NV 89423-9000 (775) 782-2511 FAX (775) 782-4476</p> <p style="font-size: large; font-weight: bold;">IS-PM480-3Y</p> <p style="font-size: large; font-weight: bold;">CUSTOMER PRINT</p>			
MECH ENGINEER <b>O. AKDAG</b>	DATE <b>04/24/97</b>				
ELEC ENGINEER <b>K. BARTEL</b>	DATE <b>04/23/97</b>				
MARKETING - - - - -	DATE - - - - -				
QUALITY DEPT <b>R. MATHEUS</b>	DATE <b>4/23/97</b>	CAGE CODE <b>61114</b>	FILE NAME <b>-C1</b>	SCALE <b>1/2</b>	SHEET <b>1 OF 1</b>