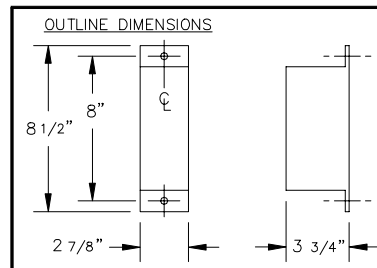
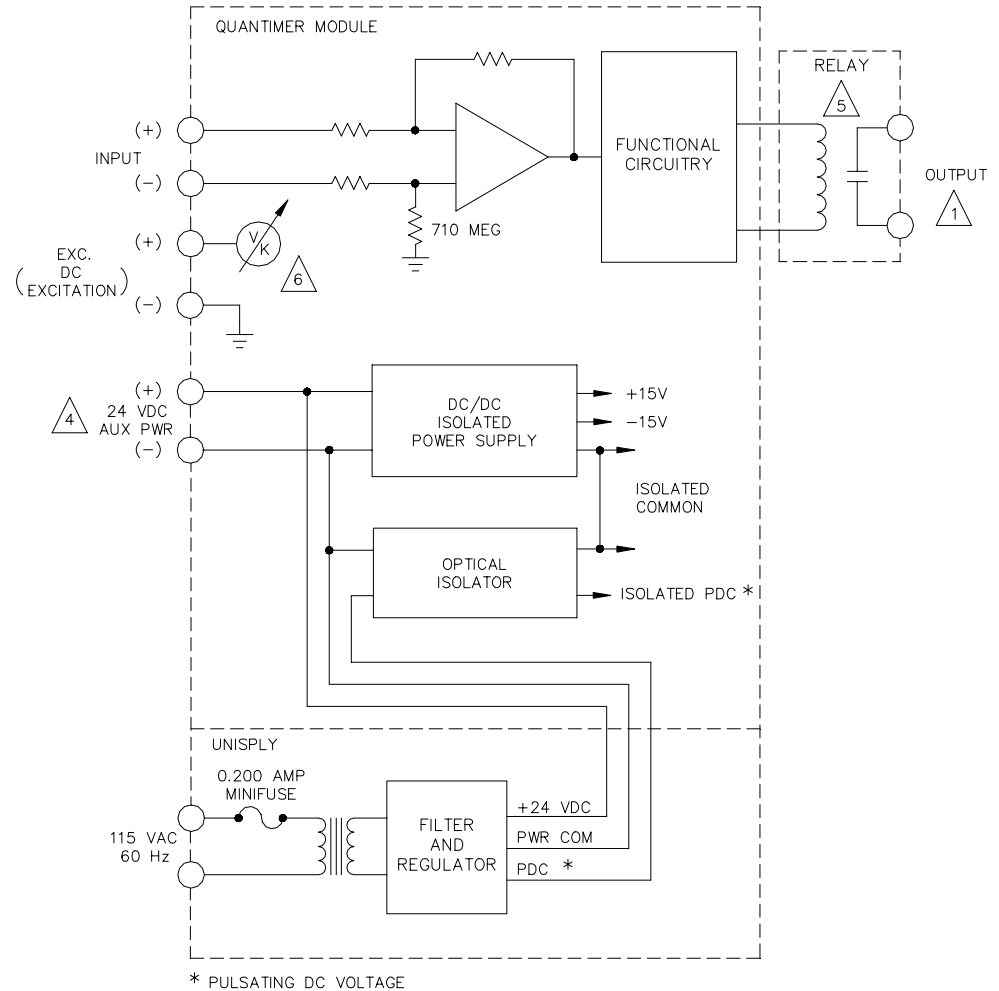


FRONT VIEW OF PANEL

NOTES:

- 1. MODULES ARE TA4000 SERIES PLUG-IN. REFER TO SERIALIZED NAMEPLATE ON SIDE OF MODULE FOR INPUT/OUTPUT SPECIFICATIONS.
- 2. TERMINALS ARE #6-40 SCREW TYPE BARRIER STRIP.
- 3. DO NOT CONNECT RELAY OUTPUT CONTACTS DIRECTLY ACROSS A TRANSMISSION WIRE PAIR MORE THAN 50 FEET LONG WITHOUT TAKING PRECAUTIONS TO PROTECT THE EQUIPMENT FROM HIGH VOLTAGE TRANSIENTS. IF POSSIBLE, INTERSPERSE AN AUXILIARY RELAY BETWEEN THE TRANSMISSION LINE WIRE PAIR & THE ASSEMBLY OUTPUT TERMINALS. GROUND ONE SIDE OF THE ASSEMBLY OUTPUT RELAY CONTACTS TO 115 VAC POWER GROUND. OTHERWISE, PROVIDE A PROTECTIVE DEVICE OR SYSTEM TO PREVENT THE TRANSMISSION LINE WIRE PAIR FROM RISING MORE THAN 400 VOLTS ABOVE 115 VAC GROUND.
- 4. 24 VDC AUXILIARY POWER OUTPUT MUST BE LESS THAN 100mA. 24 VDC (+) & (-) ARE ISOLATED FROM SIGNAL INPUT & OUTPUT COMMONS.
- 5. RELAY IS #W131MPCX-4, 24 VDC MERCURY WETTED RELAY. CONTACTS RATED 1 AMP MAXIMUM, 28VA MAXIMUM AND 100V MAXIMUM FOR NON-INDUCTIVE LOAD. INSTALL AN ARC SUPPRESSOR ACROSS THE OUTPUT RELAY CONTACTS TO LIMIT PEAK VOLTAGE ACROSS THE CONTACTS TP 100 VOLTS WHEN INTERRUPTING INDUCTIVE LOADS.
- 6. VK REPRESENTS A DC ADJUSTABLE PRECISION VOLTAGE SOURCE FOR STRAIN GAUGE EXCITATION.
- 7. MOUNT AS SHOWN. MERCURY WETTED RELAYS MUST BE OPERATED IN A VERTICAL POSITION.
- 8. EQUIPMENT MUST HAVE GOOD VENTILATION. AMBIENT TEMPERATURE NOT TO EXCEED 50° C.

SIMPLIFIED SCHEMATIC



SIGNATURE	DATE	AGM ELECTRONICS, INC.		
DRAWN BY KM	1/19/77	<small>TUCSON, ARIZONA</small>		
CHECKED BY LW	1/19/77	WIRING & SCHEMATIC DIAGRAM		
APPROVED BY DE	1/19/77	STRAIN GAUGE QUANTIMER		
APPROVED FOR PROD.		115 VAC PWR W/AUX 24VDC OUT PTA MTG		
CONTRACT NO.		CODE IDENT NO.	SIZE	PART NO.
PCB-7870			A	WSD-C20236-7
A-COMplete REDRAW		SCALE NONE	WT	REV A
				SHEET 1 OF 1