

UNIVERSAL VOLTAGE PLUG-IN THREE-PHASE MONITOR RELAYS WITH ISOLATED OUTPUT

	Macromatic PJP-FA8X Macromatic PMPU-FA8X	MPE 001-DVM-118-U MPE 001-DVM-118-OV
Feature		
Nominal Voltage Range	190-500V 50/60hz. Dial-in-dial range w/ (2) scales (190-250V & 380-500V)	200-525V 50/60hz. Dial-in-dial range w/ (2) scales (200-280V & 425-525V)
Protection against:		
Phase Loss	Yes	Yes
Phase Reversal	Yes	Yes
Undervoltage	-10% fixed	-15% fixed for 200-280V -10% fixed for 425-525V
Phase Unbalance	Fixed at 6% (PJP-FA8X) Indication Only—No Relay Trip (PMPU-FA8X) Indication & Relay Trip	Fixed at 6% (001-DVM-118-U) Indication Only—No Relay Trip (001-DVM-118-OV) Indication & Relay Trip
Overvoltage	(PJP-FA8X) No (PMPU-FA8X) Yes +10%	(001-DVM-118-U) No (001-DVM-118-OV) Yes +15% 200-280V, +10% 425-525V
Time Delay on Drop-out:		
Phase Loss & Reversal	100ms	Fixed 1 Second
Phase Unbalance	(PJP-FA8X) No Relay Trip (PMPU-FA8X) Fixed 4 Seconds	(001-DVM-118-U) No Relay Trip (001-DVM-118-OV) Fixed 5 Seconds
Undervoltage	Fixed 4 Seconds	Fixed 5 Seconds
Time Delay on Restart:		
Power Up	Fixed 2 Seconds	Fixed 2 Seconds
After a Fault	Fixed 2 Seconds	Fixed 2 Seconds
Relay Output	SPDT & SPNO 5A @ 240VAC / 5A @ 30VDC 1hp @ 250VAC / 1/2hp @ 125VAC C300	SPDT & SPNO 10A Resistive @ 240VAC
Reset	Automatic	Automatic
Mounting	8 Pin Octal Plug-in	8 Pin Octal Plug-in
Adjustment Knobs	Line-Line Voltage	Nominal Voltage
LED	Two Color: Red & Green	Red Only
Dimensions	1.75" w x 2.38" d x 3.0" h	1.75" w x 2.38" d x 3.75" h
Agency Approvals		

MACROMATIC ADVANTAGES

- True RMS voltage measurement ensures accurate sensing across more applications
- Will not lose power on lost phase
- Shorter unit may mean less expensive enclosure
- Two color LED for better troubleshooting
- Status table on top of relay for easier viewing and improved troubleshooting
- UL Listed with sockets that can be both panel mounted and DIN-rail mounted
- Five-year warranty