Frequency Monitoring Series PD 225

- Wide Auxiliary Supply voltage Range: 110 - 240 VAC, 220 - 440 VAC
- Models for Over Frequency and Under/Over Frequency Monitoring
 Monitors Frequency of Three signals Sine, Square & Triangular
 Model for Frequency Limit Control: 5 Hz to 135 Hz

- Wide Signal Input Voltage: 15 to 500 VAC

- Adjustable Relay status in Healthy or Unhealthy condition using DIP switch "ET" (Energize to Trip) or "DT" (De-energize to trip.)
- Ease of Frequency setting with simple Addition & Subtraction
- LED Indications for Healthy, Unhealthy & No signal conditions



0.	MI81BJ		MI91BL	
rs .				
tage (中)	110 - 240 VAC		220 - 440 VAC	
riation	-15% to +15% (of 中)			
	50/60 Hz			
sumption (Max.)	3 VA	3 VA		
e	Sinusoidal, Square, Triangular			
ut Voltage Range	(15 to 500) V			
equency Range	(5 to 135) Hz		(40 to 70) Hz	
Over Frequency		•	(+1 to +10) Hz above Selected Value	
Under Frequency			(-1 to -10) Hz below Selected Value	
Reset Hysteresis	/ 0 0 0 - 0 - 0 - 0 - 0 - 0 - 0	lected		
	± 5%			
•				
•	500 ms		500 ms to 5 s	
•	100 ms			
* 1				
Output Contact Rating	· · · · · · · · ·			
	1 x 10 ⁵			
		20/240 V D + 1 C + (L) 2.0	N/1 # A	
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01 / 01		1		
•				
Inperacure				
(W v H v D) (in mm)				
іраскец)	e e			
on	CE CUL US ROHS Com	C C CUL) US LISTED Compliant		
Protection	IP 20 for Terminals, II	IP 20 for Terminals, IP 40 for Enclosure		
C	IEC 61000-3-2	Ed. 3.0 (2005-11) Class A		
	IEC 61000-4-3 IEC 61000-4-4	Ed. 3.0 (2006-02) Level III Ed. 2.0 (2004-07) Level IV		
ps & Interruptions (AC Emission	IEC 61000-4-6	Ed. 2.2 (2006-05) Level III Ed. 2.0 (2004-03) All 7 Levels Ed. 5.0 (2005-11) Class A Ed. 5.0 (2005-11) Class B		
	IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-6 IEC 60068-2-27 IEC 60068-2-27	Ed. 6.0 (2007-03) Ed. 5.0 (2007-07) Ed. 7.0 (2007-12) 5g Ed. 4.0 (2008-02) 40g, 6ms Ed. 4.0 (2008-02) 30g, 15m		
	Under Frequency Reset Hysteresis Curacy Curacy IN Delay IFF Delay eset Time elay Output ontact Rating lectrical Life Idechanical Life Category Relay S UF / OF Temperature In (W x H x D) (in mm) Inpacked) On Protection C Current Emissions Usceptibilty Fast Transients Susceptibilty Susceptibilt	tage (♣) tage (♣) tage (♣) tage (♣) tation -15% to +15% (of ♣) 50/60 Hz sumption (Max.) sumption (Max.) te Sinusoidal, Square, To (15 to 500) V (5 to 135) Hz Over Frequency Under Frequency Under Frequency N A Reset Hysteresis -1.5% of Full Scale se curacy ± 0.02% N Delay N Delay FF Delay to make the seet Time to to so to so the seet Time to to so to so the seet Time to to so to so to so the seet Time to to so to	tage (ф)	

ORDERING INFORMATION

Cat. No.	Description
MI81BJ	110 - 240 VAC, Over Frequency Relay, 1 C/O
MI91BJ	220 - 440 VAC, Over Frequency Relay, 1 C/O
MI81BL	110 - 240 VAC, Over Frequency & Under Frequency Relay, 1 C/O
MI91BL	220 - 440 VAC, Over Frequency & Under Frequency Relay, 1 C/O