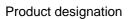
			0126-1-1
Product type designation			PMVF81
General characteristics			
Description			System with or without neutral. Dual threshold minimum and maximum voltage and frequency protection. ROCOF and Vector shift
Type of system			Three-phase with/without neutral / Single- phase
Power supply			
Operating voltage range			21264VAC / 21264VDC
Rated frequency		Hz	4555
Power consumption Max		VA	6.2
Power dissipation Max		W	2
Auxiliary supply			
Rated auxiliary supply voltage Us			
AC			
	min	VAC	24
	Max	VAC	240
DC			24
	min Max		24
	Max	VDC	240
Power consumption AC (Max)			
		VA	2.5VA al 24VAC; 6.2VA at 240VAC
DC (Max)			
		VA	60mA at 24VDC; 7mA at 240VDC
Power dissipation AC (Max)			
		W	1.6W at 24VAC;2W at 240VAC
DC (Max)		W	1.5W at 24VDC; 1.7W at 240VDC



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Interface protection

system compliant with VDE-AR-N

4105, VDE-AR-N 4110, VDE-AR-N 4120 and VDE V



Immunity time for microbreakings Voltage inputs		ms	240VAC 50Hz ≤2000ms 240VDC ≤1000ms 24VAC 50Hz ≤30ms 24VDC ≤15ms
Voltage inputs			400VAC L-
Maximum rated operational voltage			L;230VAC L-N 50Hz
Measurement range		V	40480VAC L- L; 23277VAC L-N
Frequency range		Hz	4555
Current inputs			
Measurement method			RMS
Relay outputs			
Number of relays		Nr.	3
Contact arrangement			2 changeover contact/SPDT each + 1NO
Rated operational voltage AC (IEC)		VAC	250
UL/CSA and IEC/EN 60947-5-1 designation			For OUT1-OUT2 contact: 8A 250VAC AC1/C300, 8A 30VDC For OUT3 contact: 2A 250VAC AC1/C300; 2A 30VDC
Digital inputs			
Number and type of inputs			5 to be used with dry contact with common.
Input current		mA	6
Connections			
Terminals type			Screw - removable
Tightening torque for terminals	200	Nm	0.8
	max max	Ibin	4.5
Conductor cross section AWG/Kcmil			
	min	AWG	24
	Max	AWG	12
IEC			
	min	mm²	0.2
	Max	mm²	4
Insulations Roted insulation voltage Lli		V	300
Rated insulation voltage Ui Housing		v	500
			4
Execution (n° of modules)			4
Execution (n° of modules) Material			4 Polyamide

PMVF81



IEC degree of protection	IP40 on front; IP20 at termina
Dimensions (W x H x D)	mm 71.6 x 105.4 x
Weight	g 326
ETIM classification	
ETIM 8.0	EC001438 - Voltage monitoring relay