Category Sub Cat 1	Sub Cat 2
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Digital IO Status

**Digital Inputs** 

**Digital Input Status Validity - Base Unit** 

**Digital Input Status - Base Unit** 

**Digital Outputs** 

Digital Output Status Validity - Base Unit

**Digital Output Status - Base Unit** 

Detected Alarm Status

Detected Status

Standard - 1 second Group 1 Validity

Standard - 1 second Group 1

## Standard - 1 second Group 2 Validity

Standard - 1 second Group 2

Standard - 1 second Group 3 Validity Standard - 1 second Group 3 Custom - 1 second Validity

Custom - 1 second

Standard - High Speed Group 1 Validity Standard - High Speed Group 1 Standard - High Speed Group 2 Validity Standard - High Speed Group 2 Custom - High Speed Validity Custom - High Speed Disturbance Validity Disturbance

Transient Validity
Transient
Waveshape Validity
Waveshape
Unary Validity

Unary
Olialy
Digital Group 1 Validity
Digital Group 1
Logic Validity
Logic

Description Access Via Function Code 0x01 and 0x02	PM5500	Reference Register	Bit	Coil
	Y			
Base Unit Digital Input 1 Validity	Y Y	2400	0	38400
Base Unit Digital Input 2 Validity	Ϋ́	2400	1	38401
Base Unit Digital Input 3 Validity	Υ	2400	2	38402
Base Unit Digital Input 4 Validity	Υ	2400	3	38403
	Υ		_	
Base Unit Digital Input 1	Y	2401	0	38416
Base Unit Digital Input 2 Base Unit Digital Input 3	Y Y	2401 2401	1 2	38417 38418
Base Unit Digital Input 4	Ϋ́	2401	3	38419
Base of the Digital Impat 4	Ϋ́	2401	3	30413
	Ϋ́			
Base Unit Digital Output 1 Validity	Υ	2402	0	38432
Base Unit Digital Output 2 Validity	Υ	2402	1	38433
	Y	0.400	•	00110
Base Unit Digital Output 1	Y	2403	0	38448
Base Unit Digital Output 2	Y Y	2403	1	38449
	Ϋ́			
	Ϋ́			
Over Current, Phase Validity	Υ	2420	0	38720
Under Current, Phase Validity	Υ	2420	1	38721
Over Current, Neutral Validity	Y	2420	2	38722
Over Current, Ground Validity	Y	2420	3	38723
Over Voltage, L-L Validity Under Voltage, L-L Validity	Y Y	2420 2420	4 5	38724 38725
Over Voltage, L-N Validity	Ϋ́	2420	6	38726
Under Voltage, L-N Validity	Ϋ́	2420	7	38727
Over Power, Active Validity	Y	2420	8	38728
Over Power, Reactive Validity	Υ	2420	9	38729
Over Power, Apparent Validity	Υ	2420	10	38730
Leading Power Factor, True Validity	Y	2420	11	38731
Lagging Power Factor, True Validity	Y	2420	12	38732
Leading Power Factor, Displacement Validity Lagging Power Factor, Displacement Validity	Y Y	2420 2420	13 14	38733 38734
Over Demand, Active Power, Present Validity	Ϋ́	2420	15	38735
Ovor Bornaria, Marivo Fower, Froderic Vallacy	Ϋ́	2 120	.0	00.00
Over Current, Phase	Υ	2421	0	38736
Under Current, Phase	Υ	2421	1	38737
Over Current, Neutral	Y	2421	2	38738
Over Veltage I. I.	Y Y	2421	3	38739
Over Voltage, L-L Under Voltage, L-L	Υ Υ	2421 2421	4 5	38740 38741
Over Voltage, L-N	Ϋ́	2421	6	38742
Under Voltage, L-N	Ϋ́	2421	7	38743
Over Power, Active	Υ	2421	8	38744
Over Power, Reactive	Υ	2421	9	38745

Over Power, Apparent	Υ	2421	10	38746
Leading Power Factor, True	Υ	2421	11	38747
Lagging Power Factor, True	Υ	2421	12	38748
Leading Power Factor, Displacement	Υ	2421	13	38749
Lagging Power Factor, Displacement	Υ	2421	14	38750
Over Demand, Active Power, Present	Υ	2421	15	38751
<u> </u>	Υ			
Over Demand, Active Power, Last Validity	Υ	2422	0	38752
Over Demand, Active Power, Predicted Validity	Υ	2422	1	38753
Over Demand, Reactive Power, Present Validity	Υ	2422	2	38754
Over Demand, Reactive Power, Last Validity	Υ	2422	3	38755
Over Demand, Reactive Power, Predicted Validity	Υ	2422	4	38756
Over Demand, Apparent Power, Present Validity	Υ	2422	5	38757
Over Demand, Apparent Power, Last Validity	Υ	2422	6	38758
Over Demand, Apparent Power, Predicted Validity	Υ	2422	7	38759
Over Frequency Validity	Υ	2422	8	38760
Under Frequency Validity	Υ	2422	9	38761
Over Voltage Unbalance Validity	Υ	2422	10	38762
Over Voltage Total Harmonic Distortion Validity	Υ	2422	11	38763
Phase Loss Validity	Υ	2422	12	38764
	Υ			
Over Demand, Active Power, Last	Υ	2423	0	38768
Over Demand, Active Power, Predicted	Υ	2423	1	38769
Over Demand, Reactive Power, Present	Υ	2423	2	38770
Over Demand, Reactive Power, Last	Υ	2423	3	38771
Over Demand, Reactive Power, Predicted	Υ	2423	4	38772
Over Demand, Apparent Power, Present	Υ	2423	5	38773
Over Demand, Apparent Power, Last	Υ	2423	6	38774
Over Demand, Apparent Power, Predicted	Υ	2423	7	38775
Over Frequency	Υ	2423	8	38776
Under Frequency	Υ	2423	9	38777
Over Voltage Unbalance	Υ	2423	10	38778
Over Voltage Total Harmonic Distortion	Υ	2423	11	38779
Phase Loss	Υ	2423	12	38780
	Υ			
	Υ			
	Υ			
Custom Alarm 1 Validity	Υ	2426	0	38816
Custom Alarm 2 Validity	Υ	2426	1	38817
Custom Alarm 3 Validity	Y	2426	2	38818
Custom Alarm 4 Validity	Y	2426	3	38819
Custom Alarm 5 Validity	Y	2426	4	38820
	Y	2.42		
Custom Alarm 1	Y	2427	0	38832
Custom Alarm 2	Y	2427	1	38833
Custom Alarm 3	Y	2427	2	38834
Custom Alarm 4	Y	2427	3	38835
Custom Alarm 5	Y	2427	4	38836
	Y Y			
	Ϋ́			
	Ϋ́			
	Υ Υ			
	Ϋ́			
	Ϋ́			
	Υ Υ			
	ı			

	.,			
	Y			
	Υ			
	Υ			
	Υ			
	Υ			
Meter Power Up (Control Power Loss) Valdity	Υ	2440	0	39040
Meter Reset Valdity	Υ	2440	1	39041
Meter Diagnostic Valdity	Υ	2440	2	39042
Phase Reversal Valdity	Υ	2440	3	39043
	Υ			
Meter Power Up (Control Power Loss)	Y	2441	0	39056
Meter Reset	Ϋ́	2441	1	39057
Meter Diagnostic	Ϋ́	2441	2	39058
Phase Reversal	Ϋ́	2441	3	39059
Filase Neversal	Ϋ́	2441	3	39039
Dinital Alama DIA Validity		2442	0	20072
Digital Alarm DI1 Validity	Y	2442	0	39072
Digital Alarm DI2 Validity	Y	2442	1	39073
Digital Alarm DI2 Validity	Y	2442	2	39074
Digital Alarm DI2 Validity	Υ	2442	3	39075
	Υ			
Digital Alarm DI1	Υ	2443	0	39088
Digital Alarm DI2	Υ	2443	1	39089
Digital Alarm DI2	Υ	2443	2	39090
Digital Alarm DI2	Υ	2443	3	39091
	Υ			
Logic Alarm 1 Validity	Υ	2456	0	39296
Logic Alarm 2 Validity	Υ	2456	1	39297
Logic Alarm 3 Validity	Υ	2456	2	39298
Logic Alarm 4 Validity	Y	2456	3	39299
Logic Alarm 5 Validity	Ϋ́	2456	4	39300
Logic Alarm 6 Validity	Ϋ́	2456	5	39301
<del>-</del>	Ϋ́	2456	6	39301
Logic Alarm 7 Validity	Y	2456	7	39302
Logic Alarm 8 Validity				
Logic Alarm 9 Validity	Y	2456	8	39304
Logic Alarm 10 Validity	Y	2456	9	39305
	Y			
Logic Alarm 1	Υ	2457	0	39312
Logic Alarm 2	Υ	2457	1	39313
Logic Alarm 3	Υ	2457	2	39314
Logic Alarm 4	Υ	2457	3	39315
Logic Alarm 5	Υ	2457	4	39316
Logic Alarm 6	Υ	2457	5	39317
Logic Alarm 7	Υ	2457	6	39318
Logic Alarm 8	Υ	2457	7	39319
Logic Alarm 9	Y	2457	8	39320
Logic Alarm 10	Ϋ́	2457	9	39321
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