

CONTENTS

1. Jnet NETWORK IDENTIFICATION	1
2. PHASE INPUTS	1
3. PLANT INPUTS	2
4. ALARM DELAY	2
5. CLOCK CALENDAR	2
6. RESTORE FACTORY DEFAULTS	2
7. SYSTEM ALARMS	3
8. DIAGNOSTIC & TEST FUNCTIONS	3

JTL PHASE FAILURE MONITOR ITEM NUMBERS					PA310	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
1. Jnet NETWORK IDENTIFICATION						
0	Unit type	PA31	Unit type			
19	Software version number					
1	Unit number				0.1 - 899.8	
2. PHASE INPUTS						
67	Control phase selection	rEd (0) YELL (1) bLuE (2) not used (3)			0 - 3	rEd
71	Phase 1 input	cLr Ph-1	No input Input			
72	Phase 2 input	cLr Ph-2	No input Input			
73	Phase 3 input	cLr Ph-3	No input Input			
74	Phase rotation detection	cLr Ph.r	No fault Fault			
101 - 112	Half wave presentation of inputs through 20ms cycle at 1.67ms intervals starting with item 101	- - - R - - - Y - - - B R Y - R - B - Y B R Y B	No input Red phase Yellow phase Blue phase Red & Yellow phase Red & Blue phase Yellow & Blue phase Red, Yellow & Blue			

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3. PLANT INPUTS						
65	Suction pressure fault	no YES	Input= plant alarm Input= suction pressure fault		0 - 1	no
66	Invert plant input	no YES	Input present=alarm Input absent = alarm		0 - 1	no
75	Suction pressure input	cLr Hi.S.P	No input Input			
76	General purpose input	cLr PL.Ft	No input Input			
4. ALARM DELAY						
41	Alarm delay time				00:01 - 02:00	00:01
5. CLOCK CALENDAR						
Note: This product supports a pseudo clock which indicates the time on the JTL network. The time and date can be displayed as standard or daylight saving (summer) time. This choice is made on item 18. When daylight saving is chosen and the controller is connected to a JTL Network Controller supporting daylight saving operation, the change is made automatically to the current EU directive.						
2	Time of day				00:00 - 23:59	
3	Day of week	Sun - Sat	0 = Sunday 1 = Monday etc			
4	Date				01:01 - 31:12	
5	Year				1992 - 2022	
18	Daylight saving enable	Stnd dAY.S	Standard time Daylight saving time		0 - 1	Stnd
6. RESTORE FACTORY DEFAULTS						
9	Set default values selected by Bitswitch	1234	Set default values			
		1066	Write to NVRAM without delay			

JTL PHASE FAILURE MONITOR ITEM NUMBERS					PA310	
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7. SYSTEM ALARMS						
80	Group alarm 81 - 88	0 1 - 255	No alarms Check 81 - 88			
81	Phase 1 failure	cLr Ph.F.1	No alarm Alarm			
82	Phase 2 failure	cLr Ph.F.2	No alarm Alarm			
83	Phase 3 failure	cLr Ph.F.3	No alarm Alarm			
84	Phase rotation fault	cLr Ph.ro	No alarm Alarm			
85	High suction pressure	cLr Hi.S.P	No alarm Alarm			
86	General plant fault	cLr PL.Ft	No alarm Alarm			
90	Group alarm 91 - 98	0 1 - 255	No alarms Check 91 - 98			
91	Unit number corrupt or not set	CLr Un.CF	No fault Fault			
8. DIAGNOSTIC & TEST FUNCTIONS						
6	Communications speed (kilo baud)	38.4 4.8	Baud rate (kb)			
7	2/4 wire communications Choice (Half/Full duplex)	HALF FuLL	2 wire 4 wire		0 - 1	HALF
70	Input status	1 _ _ _ _ 3 _ _ _ _ 5 _ _ _ _ 7	Plant input 1 Plant input 3 Plant input 5 Plant input 7			
10	Processor alarms (11 - 17)	0 1 - 255	No alarms Check 11 - 17			
11	Static RAM fault	CLr rA.Ft	No fault Fault			
12	Program/counter fault	CLr PC.Ft	No fault Fault			
13	Stack pointer fault	CLr SP.Ft	No fault Fault			
14	Background loop fault	CLr bL.Ft	No fault Fault			
15	PROM checksum fault	CLr Pr.Ft	No fault Fault			
16	NVRAM fault	CLr n.Ft	No fault Fault			
17	Instruction TRAP fault	CLr tP.Ft	No fault Fault			