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JTL REFRIGERATION PLANT MONITOR ITEM NUMBERS					PA210	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
1. Jnet NETWORK IDENTIFICATION						
0	Unit type	PA21	Unit type			
30	Unit type Note: Refer to drawing 01671 for selection options				81 - 98	81
19	Software version number					
1	Unit number				0.1 - 899.8	
2. INPUTS						
66	Invert plant inputs	no YES	Input present = alarm Input absent = alarm		0 - 1	no
71	Plant input 1	OFF A.iP1	Clear input Alarm input			
72	Plant input 2	OFF A.iP2	Clear input Alarm input			
73	Plant input 3	OFF A.iP3	Clear input Alarm input			
74	Plant input 4	OFF A.iP4	Clear input Alarm input			
75	Plant input 5	OFF A.iP5	Clear input Alarm input			
76	Plant input 6	OFF A.iP6	Clear input Alarm input			
77	Plant input 7	OFF A.iP7	Clear input Alarm input			
78	Plant input 8	OFF A.iP8	Clear input Alarm input			

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3. ALARM DELAYS						
41	Alarm input 1				00:01 - 02:00	00:01
42	Alarm input 2				00:01 - 02:00	00:01
43	Alarm input 3				00:01 - 02:00	00:01
44	Alarm input 4				00:01 - 02:00	00:01
45	Alarm input 5				00:01 - 02:00	00:01
46	Alarm input 6				00:01 - 02:00	00:01
47	Alarm input 7				00:01 - 02:00	00:01
48	Alarm input 8				00:01 - 02:00	00:01
4. CLOCK CALENDAR						
Note, from version 0.00.2. 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 (v0.00.2 on)	Stnd dAY.S	Standard time Daylight saving time		0 - 1	Stnd
5. RESTORE SYSTEM DEFAULTS						
9	Set default values	1234	Set default values			
		1066	(from version 0.00.2) Write to NVRAM without delay			
6. SYSTEM ALARMS						
80	Group alarm 81 - 88	0 1 - 255	No alarms Check 81 - 88			
81	Plant alarm 1		The plant alarm text is shown on JTL drawing 01671. CLr means Plant alarm input clear.			
82	Plant alarm 2					
83	Plant alarm 3					
84	Plant alarm 4					
85	Plant alarm 5					
86	Plant alarm 6					
87	Plant alarm 7					
88	Plant alarm 8					
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			

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7. 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		up to v0.00.3	
					0 - 1	HALF
					v0.00.4 on	
						HALF
70	Input status NOTE: if more than one input is present the numbers shown in brackets are added together and displayed instead of the text.	iP.1 (1) iP.2 (2) iP.3 (4) iP.4 (8) iP.5 (16) iP.6 (32) iP.7 (64) iP.8 (128)	Plant input 1 Plant input 2 Plant input 3 Plant input 4 Plant input 5 Plant input 6 Plant input 7 Plant input 8			
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			