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**JTL REFRIGERATION TEMPERATURE MONITOR  
ITEM NUMBERS**

**TA231**

ITEM	DESCRIPTION		CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
					4321		
<b>1. Jnet NETWORK IDENTIFICATION</b>							
0	Unit type		TA231	Unit type			
19	Software version number						
110	Channel 1	Selection	0 1	Disabled Enabled		0 - 1	1
120	Channel 2						
130	Channel 3						
140	Channel 4						
111	Channel 1	Unit no				0.1 - 899.8	
121	Channel 2						
131	Channel 3						
141	Channel 4						
<b>2. TEMPERATURE ALARM DATA</b>							
50	Alarm delay (mins)					0 - 120	30
112	Channel 1	Temperature					
122	Channel 2						
132	Channel 3						
142	Channel 4						
113	Channel 1	Setpoint				-50.0 to +50.0	- 10.0
123	Channel 2						
133	Channel 3						
143	Channel 4						
114	Channel 1	Over temperature alarm tolerance				0.0 to 25.0	10.0
124	Channel 2						
134	Channel 3						
144	Channel 4						
115	Channel 1	Under temperature tolerance				0.0 to 25.0	10.0
125	Channel 2						
135	Channel 3						
145	Channel 4						

JTL REFRIGERATION TEMPERATURE MONITOR ITEM NUMBERS					TA231		
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				4321			
<b>3. MODES</b>							
117	Channel 1	Operating Mode	1	Refrigeration Defrost Defrost recovery Shutdown			
127	Channel 2		2				
137	Channel 3		17				
147	Channel 4		32				
<b>4. DEFROST DATA</b>							
108	Defrost strategy selection		0 2	None Network initiated		0 - 4	
210	Channel 1	Defrost time limit				10 - 120 30	
220	Channel 2						
230	Channel 3						
240	Channel 4						
211	Channel 1	Network command	0	Refrigeration Network defrost Forced defrost Shutdown			
221	Channel 2		1				
231	Channel 3		4				
241	Channel 4		64				
213	Channel 1	Defrost input state	0	Deenergised Energised			
223	Channel 2		1				
233	Channel 3						
243	Channel 4						
<b>5. RESTORE FACTORY DEFAULTS</b>							
9	Set default values		1234	Set default values			
<b>6. ALARMS</b>							
<b>6.1 System Alarms</b>							
80	General alarms		0	No alarms			
<b>6.2 Channel Alarms</b>							
119	Channel 1	Alarms	0	No alarms High temperature Low temperature Sensor fault Unit shutdown (v0.00.1 on) Defrost overrun (v0.00.1 on)			
129	Channel 2		1				
139	Channel 3		2				
149	Channel 4		4 32 64				
<b>6.3 Processor Alarms</b>							
10	Processor alarms (11 - 17)		0 16	No alarms NVRAM fault			

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ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
<b>7. DIAGNOSTIC &amp; TEST</b>						
21	Channel 1 Temperature					
22	channel 2 Temperature					
23	channel 3 Temperature					
24	channel 4 Temperature					