

Contact CONTROL

Trans_JChiller

Trans_JChiller (for the use in Lonworks)

- Easy interface between BMS and LG Turbo Chiller, LG Screw(Water) Chiller, LG Absorbed Chiller
 - LonWorks Gateway for LG Turbo Chiller, LG Screw(Water) Chiller, LG Absorbed Chiller
 - Very widely applicable protocol(LonTalk® protocol)



Features

- LonMark® interoperability Guidelines Version 3.4 Compliance.
- LonWorks gateway between LonMark/LonTalk® protocol and Modbus protocol
- The Gateway can convert the LonTalk protocol to the Modbus protocol.
- Process ability
 - 1 unit per a Trans_JChiller
 - : 1 unit of three products - LG Turbo Chiller, LG Screw(Water) Chiller, LG Absorbed Chiller

General Function Block (Monitor)

General Network Variables →

Standard Function Block	
SNVT_count	nvoMasterSlave
SNVT_count	nvoProductAddr
SNVT_count	nvoError
SNVT_count	nvoDipSwitch
SNVT_count	nvoPGGrpInfo
SNVT_count	nvoPTypeInfo
SNVT_count	nvoMCUversion
SNVT_count	nvoLONversion

JChiller Function Block (Control)

Standard Function Block		
1	SNVT_switch	nviOnOff
2	SNVT_switch	nviAlarmRelease
3	SNVT_count	nviRunMode
4	SNVT_temp_p	nviChillWTemp
5	SNVT_temp_p	nviCoolHWTemp
6	SNVT_temp_p	nviAutoRunTemp
7	SNVT_temp_p	nviAutoStopTemp
8	SNVT_amp	nviAmp
9	SNVT_lev_percent	nviLevPercent
10	SNVT_switch	nviSwitch_0
11	SNVT_switch	nviSwitch_1
12	SNVT_temp_p	nviTemp_p_0
13	SNVT_temp_p	nviTemp_p_1
14	SNVT_temp_p	nviTemp_p_2

Trans_JChiller

Technical Specifications

JChiller Function Block (Monitor) (1/2)

Standard Function Block		
1	SNVT_count	nvoMasterSlave
2	SNVT_count	nvoProductAddr
3	SNVT_count	nvoError
4	SNVT_count	nvoDipSwitch
5	SNVT_count	nvoPGrpInfo
6	SNVT_count	nvoPTypeInfo
7	SNVT_count	nvoMCUversion
8	SNVT_count	nvoLONversion
9	SNVT_switch	nvoOnOff
10	SNVT_switch	nvoChillWFlow
11	SNVT_switch	nvoCoolWFlow
12	SNVT_switch	nvoBuzzer
13	SNVT_switch	nvoWarning
14	SNVT_switch	nvoAbnormal
15	SNVT_count	nvoRunMode
16	SNVT_temp_p	nvoChillWTemp
17	SNVT_temp_p	nvoCoolHWTemp
18	SNVT_temp_p	nvoAutoRunTemp
19	SNVT_temp_p	nvoAutoStopTemp
20	SNVT_count	nvoRunMsg
21	SNVT_count	nvoWarningMsg
22	SNVT_count	nvoAbnormalMsg
23	SNVT_switch	nvoSwitch_0
24	SNVT_switch	nvoSwitch_1
25	SNVT_switch	nvoSwitch_2
26	SNVT_switch	nvoSwitch_3
27	SNVT_switch	nvoSwitch_4
28	SNVT_switch	nvoSwitch_5
29	SNVT_switch	nvoSwitch_6
30	SNVT_switch	nvoSwitch_7
31	SNVT_switch	nvoSwitch_8
32	SNVT_switch	nvoSwitch_9
33	SNVT_switch	nvoSwitch_10
34	SNVT_switch	nvoSwitch_11
35	SNVT_switch	nvoSwitch_12
36	SNVT_switch	nvoSwitch_13
37	SNVT_switch	nvoSwitch_14

Standard Function Block		
38	SNVT_switch	nvoSwitch_15
39	SNVT_switch	nvoSwitch_16
40	SNVT_switch	nvoSwitch_17
41	SNVT_switch	nvoSwitch_18
42	SNVT_switch	nvoSwitch_19
43	SNVT_switch	nvoSwitch_20
44	SNVT_switch	nvoSwitch_21
45	SNVT_switch	nvoSwitch_22
46	SNVT_switch	nvoSwitch_23
47	SNVT_switch	nvoSwitch_24
48	SNVT_switch	nvoSwitch_25
49	SNVT_switch	nvoSwitch_26
50	SNVT_switch	nvoSwitch_27
51	SNVT_switch	nvoSwitch_28
52	SNVT_switch	nvoSwitch_29
53	SNVT_switch	nvoSwitch_30
54	SNVT_switch	nvoSwitch_31
55	SNVT_switch	nvoSwitch_32
56	SNVT_switch	nvoSwitch_33
57	SNVT_switch	nvoSwitch_34
58	SNVT_switch	nvoSwitch_35
59	SNVT_switch	nvoSwitch_36
60	SNVT_switch	nvoSwitch_37
61	SNVT_switch	nvoSwitch_38
62	SNVT_switch	nvoSwitch_39
63	SNVT_switch	nvoSwitch_40
64	SNVT_switch	nvoSwitch_41
65	SNVT_switch	nvoSwitch_42
66	SNVT_switch	nvoSwitch_43
67	SNVT_switch	nvoSwitch_44
68	SNVT_switch	nvoSwitch_45
69	SNVT_switch	nvoSwitch_46
70	SNVT_switch	nvoSwitch_47
71	SNVT_switch	nvoSwitch_48
72	SNVT_switch	nvoSwitch_49
73	SNVT_switch	nvoSwitch_50
74	SNVT_switch	nvoSwitch_51

Trans_JChiller

Technical Specifications

JChiller Function Block (Monitor) (2/2)

Standard Function Block		
75	SNVT_switch	nvoSwitch_52
76	SNVT_switch	nvoSwitch_53
77	SNVT_switch	nvoSwitch_54
78	SNVT_amp	nvoAmp_0
79	SNVT_amp	nvoAmp_1
80	SNVT_amp	nvoAmp_2
81	SNVT_flow	nvoFlow_0
82	SNVT_flow	nvoFlow_1
83	SNVT_lev_percent	nvoLevPercent_0
84	SNVT_lev_percent	nvoLevPercent_1
85	SNVT_lev_percent	nvoLevPercent_2
86	SNVT_lev_percent	nvoLevPercent_3
87	SNVT_lev_percent	nvoLevPercent_4
88	SNVT_lev_percent	nvoLevPercent_5
89	SNVT_lev_percent	nvoLevPercent_6
90	SNVT_lev_percent	nvoLevPercent_7
91	SNVT_lev_percent	nvoLevPercent_8
92	SNVT_lev_percent	nvoLevPercent_9
93	SNVT_lev_percent	nvoLevPercent_10
94	SNVT_lev_percent	nvoLevPercent_11
95	SNVT_power	nvoPower_0
96	SNVT_power	nvoPower_1
97	SNVT_temp_p	nvoTemp_p_0
98	SNVT_temp_p	nvoTemp_p_1
99	SNVT_temp_p	nvoTemp_p_2
100	SNVT_temp_p	nvoTemp_p_3

Standard Function Block		
101	SNVT_temp_p	nvoTemp_p_4
102	SNVT_temp_p	nvoTemp_p_5
103	SNVT_temp_p	nvoTemp_p_6
104	SNVT_temp_p	nvoTemp_p_7
105	SNVT_temp_p	nvoTemp_p_8
106	SNVT_temp_p	nvoTemp_p_9
107	SNVT_temp_p	nvoTemp_p_10
108	SNVT_temp_p	nvoTemp_p_11
109	SNVT_temp_p	nvoTemp_p_12
110	SNVT_temp_p	nvoTemp_p_13
111	SNVT_temp_p	nvoTemp_p_14
112	SNVT_temp_p	nvoTemp_p_15
113	SNVT_temp_p	nvoTemp_p_16
114	SNVT_temp_p	nvoTemp_p_17
115	SNVT_temp_p	nvoTemp_p_18
116	SNVT_temp_p	nvoTemp_p_19
117	SNVT_temp_p	nvoTemp_p_20
118	SNVT_temp_p	nvoTemp_p_21
119	SNVT_temp_p	nvoTemp_p_22
120	SNVT_temp_p	nvoTemp_p_23
121	SNVT_temp_p	nvoTemp_p_24
122	SNVT_temp_p	nvoTemp_p_25
123	SNVT_temp_p	nvoTemp_p_26
124	SNVT_vol	nvoVol_0
125	SNVT_vol	nvoVol_1