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CONTROL

ACP Lonworks_Turbo

ACP Lonworks_Turbo (for the use in LonWorks)

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



Features

- LonMark® interoperability Guidelines Version 3.4 Compliance.
- Process ability
 - 15 Turbo Chiller units
- Self installation verification function using ACP web browser
 - setting devices
 - diagnosis of communication status on LG Turbo Chiller

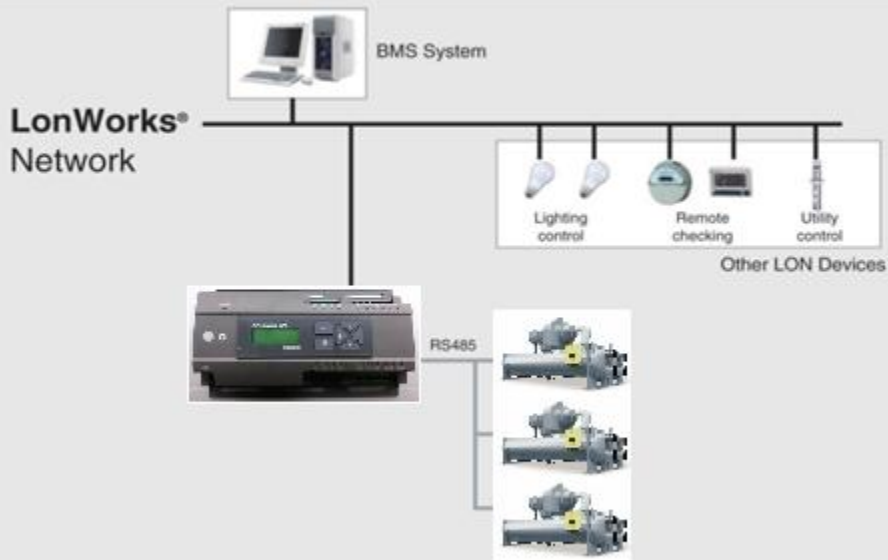
Function block

Control	Monitor
On/Off	On/Off
Mode	Mode
Cool Water Temp	Cool Water Temp
Heat Water Temp	Heat Water Temp
Motor Current Limit	Motor Current Limit
Alarm Release	Product Type
	Product Address
	Cool Water Flow Status
	Heat Water Flow Status
	Cool Water Pump Interlock
	Heat Water Pump Interlock
	Model Type
	Cool Water Enter Temperature Sensor
	Cool Water Leave Temperature Sensor
	Heat Water Enter Temperature Sensor
	Heat Water Leave Temperature Sensor
	Evaporator Pressure Sensor
	Condenser Pressure Sensor
	Hotgas Valve
	VFD
	Oil Temperature Sensor
	Bearing Temperature Sensor
	Current Sensor
	Voltage Sensor
	Power Sensor
	Guidevane Sensor
	Diffuservane Sensor

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System Configuration



Technical Specifications

Index	Details
Dimension(WxHxD)	270mm X 155mm X 64.8mm
Communication Port	RS485 Connector LG-Net(connects to LG-AHU) LonWorks FT-10 Connector(connects to BMS) Ethernet port
Ethernet	RTL8201B REALTEK (10/100 BASE-T)
Debug	RS-232C
Serial	RS-485 Port (LG-NET)
LonWorks	FT-10 Free Topology channel
LED	Serial, Lonwork, Ethernet, Power, Run
Power	DC 12V / AC 24V, 3.3A, 40W max

- FT-10 line is used to connect communication lines between BMS System and the ACP Lonworks G/W for LonWorks

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Technical Specifications

Turbo Chiller Standard Function Block

