SUBMITTAL DATA - CONTROLS
VEMG1F
VRF MODBUS GATEWAY COMMUNICATION MODULE

Job Name:	**Engineer:**
Location:	**Architect:**
Schedule No.:	**Date:**
System Designation:	**For:** ___ Reference ___ Approval ___ Review ___ Construction

FEATURES AND FUNCTIONS

- Real time monitoring of unit operation status, e.g.. On/off, mode, temperature.
- Real time response to the control unit (on/off, mode setting and speed seting,etc) by monitoring software
- Control all the units switches on and off.
- Monitor unit operating, status, and failure codes
- One Modbus can support up to 255 gateways. One Modbus gateway can support at most 16 outdoor units (up to 64 modular outdoor units) and 128 indoor units.
- Lock unit operation status, directing at all control functions of unit itself or a certain setting function.
- Linkage control, supporting 5 DI and 5 DO for receiving fire alarm signal and user's definition logic
- CAN, RS485 communication port are non polar convenient for simple wiring
- Enables cooling and heating temperature limitation functions
- Wide voltage range, 100-240 VAC 50/60 Hz, compatible to the power supply of each country and region



SPECIFICATIONS

PERFORMANCE

Power Supply	100~240V / 1-Ph / 50-60 Hz

Modbus Gateway provides Lennox VRF systems with the Modbus Protocol Interface when connecting to the building Management System (BMS) in order to achieve central control and individual control.

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