BACnet Gateway Communication Module
Model VEBG2F

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

Lennox VRF BACnet gateway kit VEBG2F is intended to realize the data exchange between the air conditioning unit and BAS system, and providing standard BACnet/IP building interface and 10 I/Os (five inputs are DI1, DI2, DI3, DI4, DI5 and five outputs are DO1, DO2, DO3, DO4, DO5). DI1 is the fire alarm interface. The status of other I/Os are mapped to the specific objects of the BACnet/IP bus and are defined by the user.

FEATURES AND FUNCTIONS

- International Standard BACnet/IP building interface and 10 I/Os.
- Real-time monitoring of unit operation status, e.g. on/off, mode, temperature.
- Monitor unit errors
- Up to 255 IDU units can be centrally controlled.
- Five Inputs: DI1, DI2, DI3, DI4, DI5.
- Five Outputs: DO1, DO2, DO3, DO4, DO5.
- D1: Fire Alarm Interface.
- CAN2 Protocol.
- Input Power: 100VAV-240VAC, 50/60HZ.
- 10BASE-T or 100BASE-TX parallel network cable to router.
- Working Conditions: Temperature: 0 - 55°C, Humidity less than 95%
- Weight: 1.35 Kg

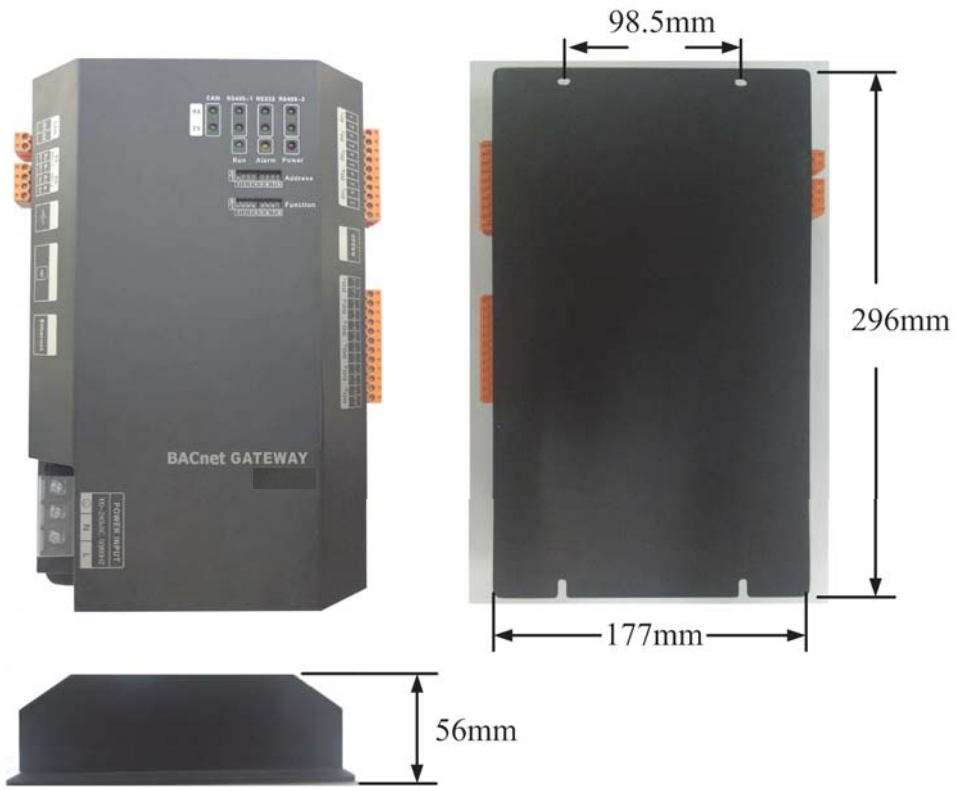


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FEATURES AND FUNCTIONS



Wire type	L(m)Communication line between gateway and AC units	Wire diameter(mm^2)	Wire standard	Remark
Light-weight/normal PVC jacket twisted copper wire(RVV)	L≤ 500	≥ 2×0.75	GB/T 5023.5-2008	Total communication length shall not exceed 500m

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