

301R PRODUCT SUBMITTAL

ORDERING INFORMATION

301R Relay Module

VA301R8	Relay module with 8 relays
301R-8-W	Wireless relay module
301R8-W-F	Wireless relay module with 8 failsafe relays,

301R - SPECIFICATIONS

Power requirements	17 - 24 Vac, 24 - 38 Vdc, 250 mA
Temperature range:	0° to 40°C (32° to 104°F)
Humidity range:	0 to 95% RH non-condensing
Standard outputs:	8 DPDT relays
Relay Specifications:	5A, 30Vdc or 250 Vac (resistive load)
Visual indicators:	Power: Green LED Transmission: Amber LED
Communication:	Modbus RTU or ISM wireless
Length of lines:	Up to 609 m (2,000 ft) per channel
Wireless range	30 m (98.5 ft)
Dimensions (HxWxD)	20.39 x 27.94 x 6.79 cm (8.03" in x 11" x 2.67")
Weight	0.350 Kg (0.77 lbs)
Enclosure	NEMA 4X ABS - polycarbonate
Certifications	UL 1244 Fourth Edition CSA C22.2 No. 205-M1983 (R1999)

INSTALLATION INSTRUCTIONS

Installation instructions must be strictly followed to ensure the proper functioning of the equipment. Honeywell will not be liable or responsible for any malfunctions or incidents that may occur from improper installation:

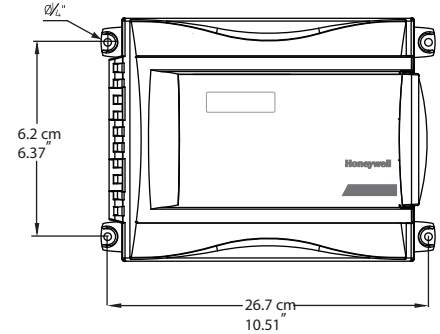
- Place each unit in a location that is easily accessible for service.
- Avoid placing units near sources of vibrations.
- Avoid placing units near equipment that emits electromagnetic interference.
- Avoid any location where there are large temperature swings.
- Before installing, verify all local codes, standards or legislation that could impact choice of installation location.

MOUNTING INSTRUCTIONS

The unit should be mounted on a wall where there is minimum vibration, away from heat and with sufficient ventilation room around the unit. Its location should be within easy reach of operating personnel.

1. Select installation location
2. Measure and mark mounting holes (as shown)
3. Pre-drill or prepare as required by mounting surface (drywall plugs, etc.)
4. Position unit and align mounting holes with markings and install necessary screws.

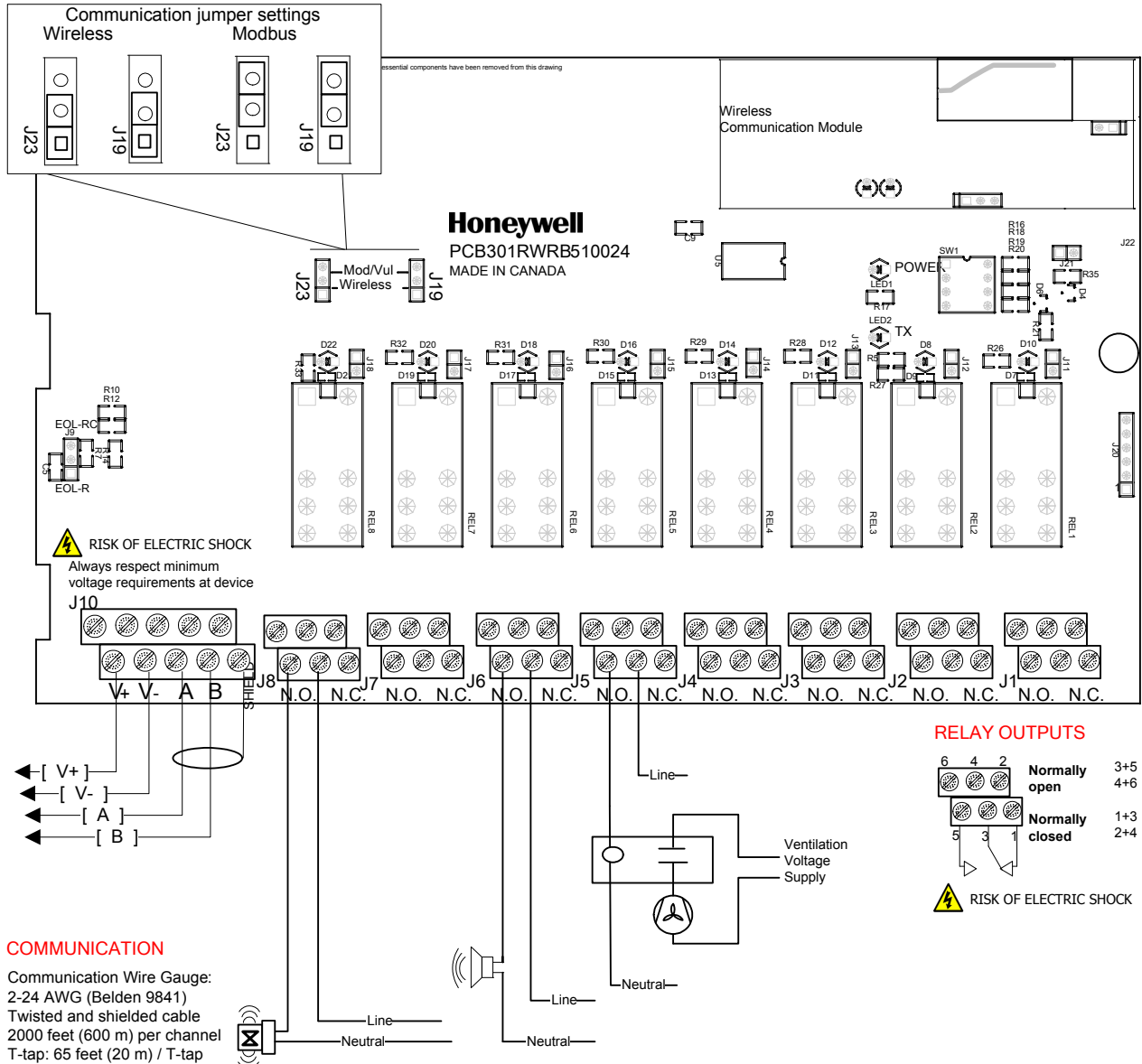
Note: Remember to remove knock-outs before mounting the unit.



Binary Addresses and Dip Switch settings

PRODUCT ADDRESSES		DIP SWITCH POSITION			
201C	301C	Dip1	Dip2	Dip3	Dip4
1 or 17	81	Off	Off	Off	Off
2 or 18	82	On	Off	Off	Off
3 or 19	83	Off	On	Off	Off
4 or 20	84	On	On	Off	Off
5 or 21	85	Off	Off	On	Off
6 or 22	86	On	Off	On	Off
7 or 23	87	Off	On	On	Off
8 or 24	88	On	On	On	Off
9 or 25	89	Off	Off	Off	On
10 or 26	90	On	Off	Off	On
11 or 27	91	Off	On	Off	On
12 or 28	92	On	On	Off	On
13 or 29	93	Off	Off	On	On
14 or 30	94	On	Off	On	On
15 or 31	95	Off	On	On	On
16 or 32	96	On	On	On	On

Wiring Details 301R



Wiring of communication lines depends on the communication jumper positions: If the jumper is in Mod/Vul position, the communication terminal connections will be "live". If the jumper is in Wireless position, the communication terminal connections will be "dead"



WARRANTY AND LIMITS OF LIABILITY

Honeywell warrants to the original purchaser that its product, and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from the date of purchase. Honeywell will, without any charge and at its option, repair or replace defective products or components upon their delivery to its Repair and Service Department. This warranty does not apply in the event of misuse or abuse of the product, or as a result of unauthorized alterations or repairs. Honeywell shall not be liable for any consequential damages, including, without limitation, damages resulting from loss of use. Every precaution for accuracy has been taken in the preparation of this document. However, Honeywell assumes neither responsibility for any omissions or errors that may appear, nor liability for any damages that may result from the use of the products in accordance with the information contained in this document.

To obtain warranty service, return the product, along with a complete description of the defect, transportation prepaid. Honeywell assumes no risk for damage in transit. Following warranty repair, the product will be returned to the buyer, transportation prepaid.