

PRODUCT SUBMITTAL

~~301-ADI~~

ORDERING INFORMATION

301-ADI - SPECIFICATIONS

Power requirements	18-36 Vdc, 520mA @ 24Vdc 17-25 Vac, 520mA @ 24Vac Circuit Protector Long time-Lag Polyswitch Type TT Over Voltage Category II
Analog inputs:	Sixteen (16) 4-20 mA current loop measurement (max 28 mA) 100 ohms input impedance
Contact (Digital) inputs	Eight (8) contact inputs (max 30 Vdc)
Communication Protocol	Modbus standard RTU over 2-wire multi-drop RS-485 Speed 9600 bps
Recommended wire	Up to 2000 ft. Two twisted / shielded wires 24 AWG
Dimensions (LxWxH)	8" x 11.02" x 2.76 (20.3 x 28 x 7 cm)
Weight	2.26 lbs (1.02 kg)
Pollution degree	2
Operating Altitude	Up to 9843 feet (3000 m)
Receptacles	Six (6) Knock-outs for wiring access
Enclosure	NEMA 4X ABS - polycarbonate

INSTALLATION INSTRUCTIONS

Installation instructions must be strictly followed to ensure the proper functioning of the equipment. Honeywell Analytics 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.

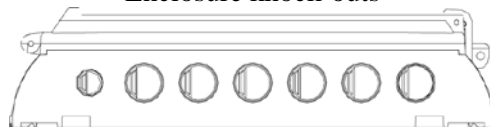
WALL MOUNT INSTALLATION INSTRUCTIONS

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.

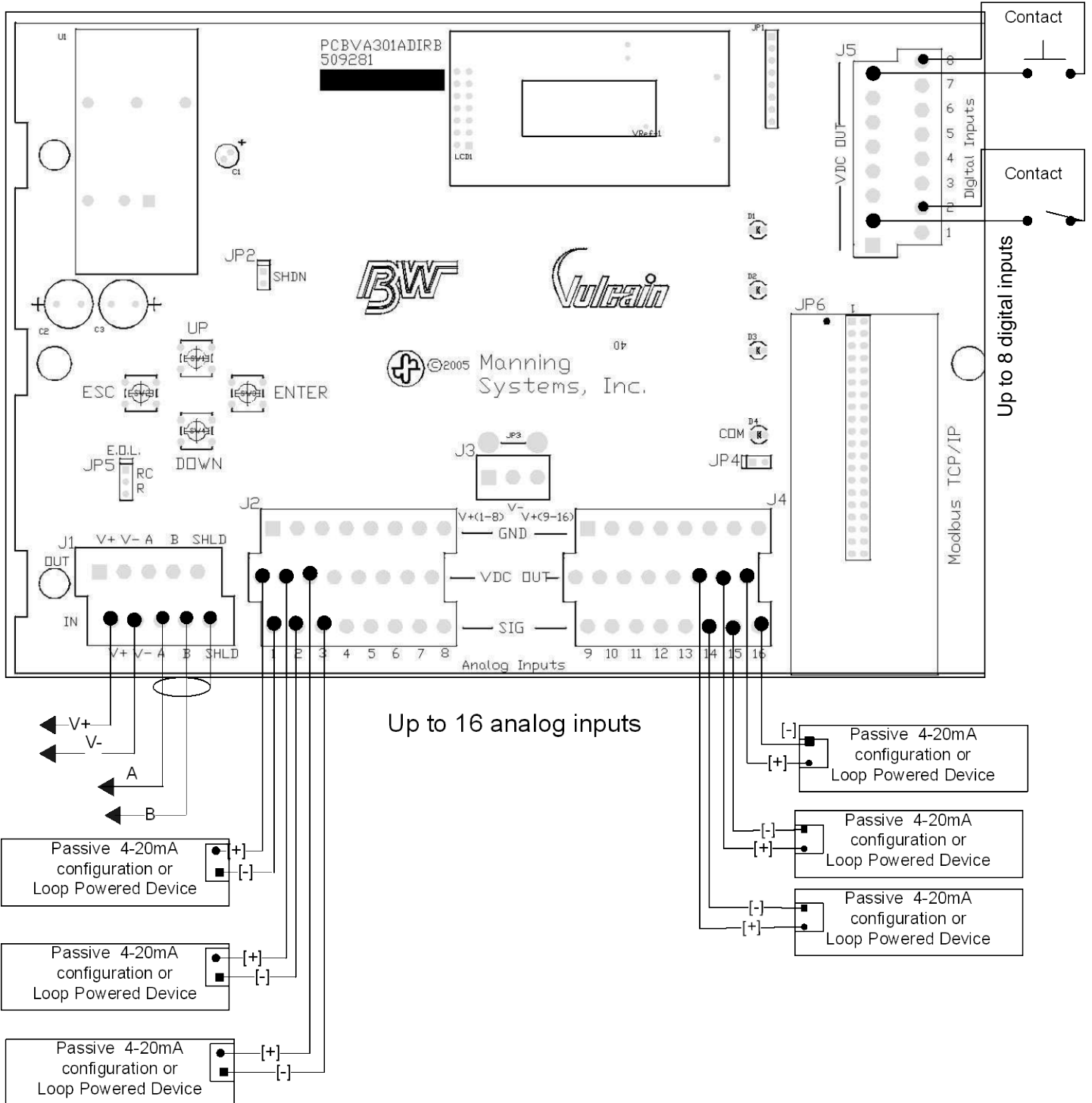
Enclosure knock-outs



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WIRING DETAILS (PCB) VA301AP



WARRANTY AND LIMITS OF LIABILITY

Honeywell Analytics 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 Analytics 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 Analytics 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 manual. However, Honeywell Analytics neither assumes 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 manual.

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