



RT2620A

Input Module, 4 Digital Inputs

The RT2620A is an input concentrator with four (4) digital inputs (dry contact) that is designed to take a dry contact signal from a wired device and convert it into a wireless signal. The wireless signal is transmitted to an RM2432D or RM2402D receiver which outputs the digital signal to a DDC, or to a MOD9200 BACnet, Modbus, or LONworks protocol transceiver that communicates directly with a BAS. This eliminates the need and expense of running new wire and conduit. The RT2620A can be powered with a Duracell DL123 3V lithium battery or 24 VAC.

Transmission distance in a typical building is 200-300 feet horizontal depending on the layout and construction of the building, and one floor above and one floor below the transceiver. Sensor distance and reliability can be increased with the addition of a RR2552B(s) repeater.

Applications: Alarm/Status Indications, Wireless On/Off Control

The RT2620A is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's website, www.workaci.com.

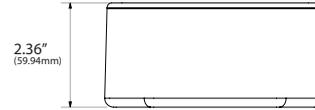
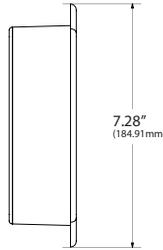
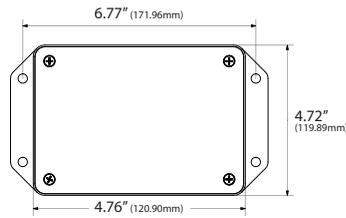
PRODUCT SPECIFICATIONS	
Supply Voltage:	24 VAC (Full Wave Rectified) Battery: 1 (Duracell DL123A), Lithium 3V 1400 mAh
Battery Life:	2-3 years typical
Connections:	Screw Terminal Blocks
Wire Size:	16 AWG (1.31 mm ²) to 26 AWG (0.129 mm ²)
Terminal Block Torque Rating:	0.37 ft-lb (0.5 Nm) Nominal
Operating Temperature Range:	14 to 140°F (-10 to 60°C)
Operating Humidity Range:	30 to 50% RH, Non-condensing
Storage Temperature Range:	-4 to 176°F (-20 to 80°C), 70% RH max
Digital Inputs:	Four (4) Dry contact closures
Data Protocol:	IEEE 802.15.4-2003/2006
RF Characteristics:	900 MHz, Operating Frequency 10 channels between 902 – 928 MHz Transmitter Power: 11 dBm Receiver Sensitivity: -11 dBm
Transmission Distance:	200 – 300 ft horizontally depending on building type and constructions, and typically one floor above and below the transceiver vertically
Data Transmission:	75 seconds
Enclosure Material Flammability Rating:	Standard: ABS UL94 5VA NEMA 4X: Polycarbonate Plastic UL94 HB
Product Dimensions:	Standard: (L) 7.28" (184.91 mm) x (W) 4.72" (119.89 mm) x (H) 2.36" (59.94 mm) NEMA 4X: (L) 6.73" (170.94 mm) x (W) 4.76" (120.90 mm) x (H) 2.16" (54.86 mm)
Product Weight:	Standard: 1.65 lbs (0.75 kg) NEMA 4X: 1.67 lbs (0.76 kg)



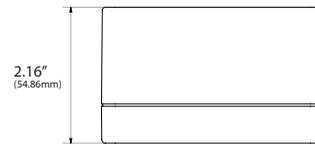
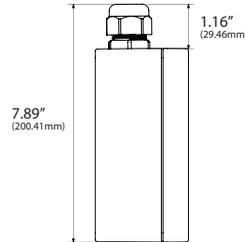
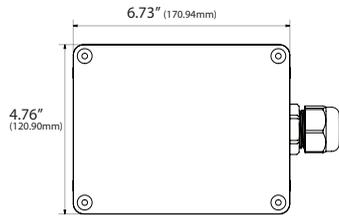


DIMENSIONAL DRAWING

Standard



NEMA 4X



Front View

Right View

Top View

STANDARD ORDERING

Model # Example: **RT2620AE** -OR- **131065**

Model #	Item #	Description
RT2620A	131064	4 Digital Input Concentrator, Standard Enclosure
RT2620AE	131065	4 Digital Input Concentrator, NEMA 4X Enclosure