

RCC.RUI Remote Display for the RCC.1081 BACnet[®] Case Controller Mounting & Wiring Instructions

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Introduction

The Remote Display Module (**rcc.RUI**) is a device that will give users local access to information from the **rcc.1081** BACnet Case Controller. The information being displayed will vary depending upon the **rcc.1081**'s configured application type and the display mode of the **rcc.RUI**.



Figure 1 rcc.RUI Remote Display Module

Each Remote Display Module comes from the factory with a retaining bracket included. The remote display has been designed to be mounted through a display case wall up to five meters (16.4 feet) away from the connected rcc.1081 Case Controller.

Specifications

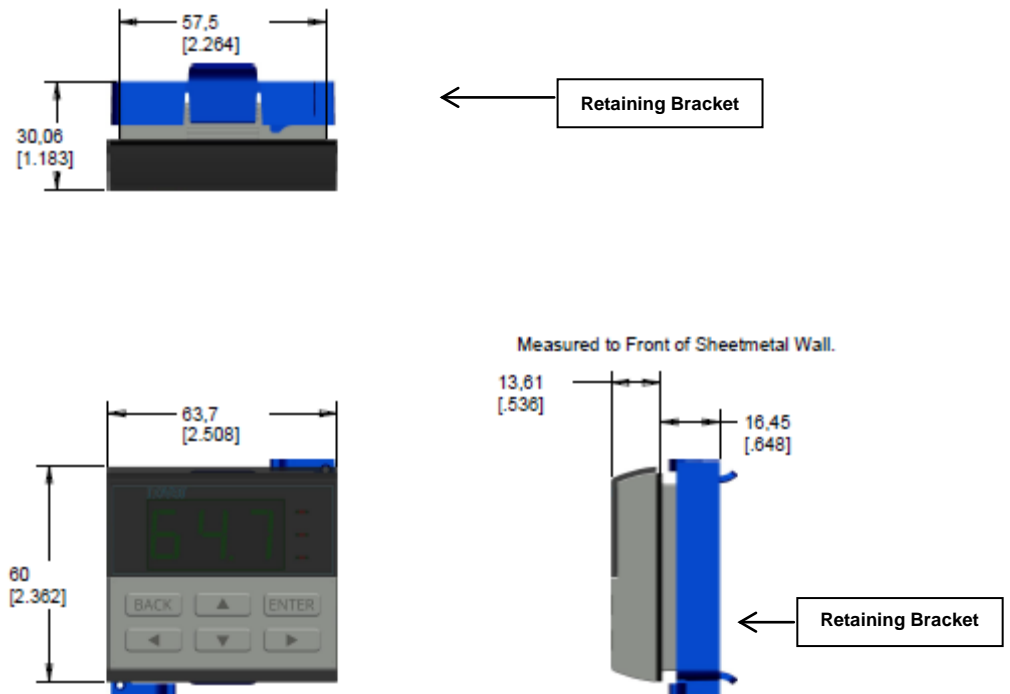


Figure 2 rcc.RUI Dimensions

Physical Dimensions

Width:	2.508 inches (63.7mm)
Height:	2.362 inches (60mm)
Depth:	1.183 inches (33.1mm)
Weight:	0.15 lbs

Operating Environment

Humidity:	5% to 95% Relative Humidity, non-condensing.
Operating Temp:	-40°F to +131°F (-40°C to +55°C)
Storage Temp:	-40°F to 158°F. (-40° to 70° C)

Safety and Precautions

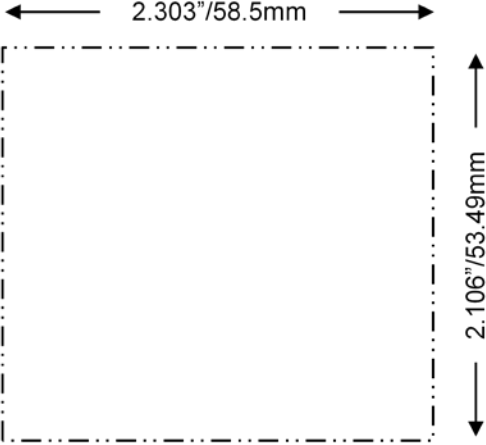
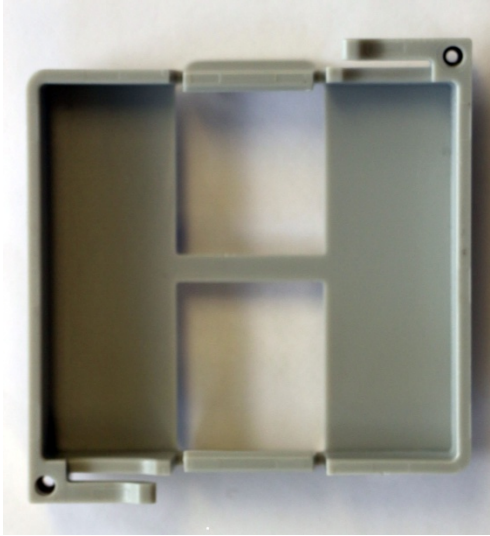
Observe all national and local electrical codes during installation.

Mounting

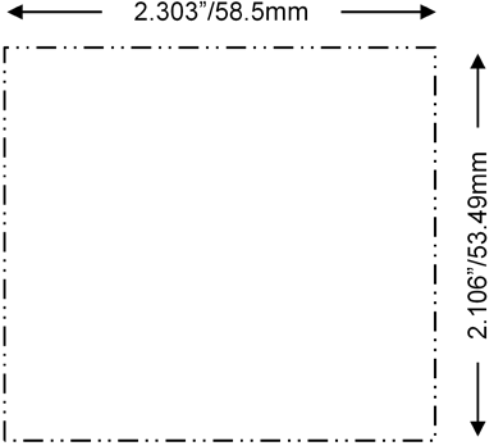
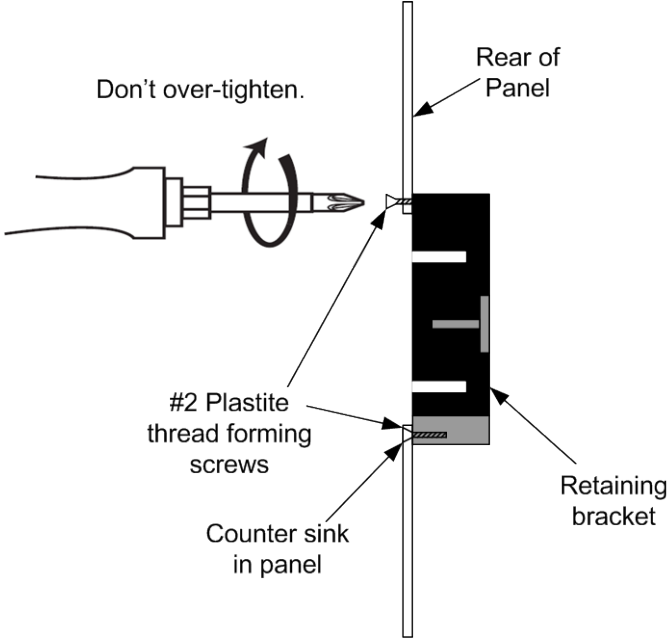
The **rcc.RUI** is designed to be mounted in an un-refrigerated, non-condensing location *on* a refrigerated display case, a compressor rack house electrical panel or an electrical panel controlling a walk in freezer/cold room it and may be located up to five meters (16.4 feet) away from its **rcc.1081** BACnet Controller.

The following method should be used to mount the remote display. See the Figures below.

Mounting Method A:**Step Table**

Step	Procedure
1	<p data-bbox="711 405 1300 436">Cut the panel opening to the specified dimensions.</p>  <p data-bbox="862 930 1289 961">Figure 3 rcc.RUI Cut-Out Dimensions</p>
2	Check that the rubber gasket is in place on the back of the display.
3	Slide the display into the opening.
4	<p data-bbox="591 1056 1382 1119">Holding the display in place against the front of the panel, press the retaining bracket up against the rear of the panel.</p>  <p data-bbox="800 1682 1214 1713">Figure 4 rcc.1081 Retaining Bracket</p>
5	Ensure that the display is properly seated.

Mounting Method B:**Step Table**

Step	Procedure
1	<p>Cut the panel opening to the specified dimensions.</p>  <p style="text-align: center;">Figure 5. rcc.RUI Cut-Out Dimensions</p>
2	Check that the rubber gasket is in place on the back of the display.
3	<p>Drill and countersink holes at two corner positions just outside the panel cut-out that align with the two holes at the corners of the Retaining Bracket. Using #2 Plastite screws, fasten the Retaining Bracket to the rear of the panel. (Screws not included).</p>  <p style="text-align: center;">Figure 6. Retaining Bracket Installation</p>

Step	Procedure
4	Slide the display into the opening from the front and press all the way in.
5	Ensure that the display is properly seated.

Wiring

The rcc.RUI Remote Display connects to the upper left corner of the rcc.1081 BACnet Case Controller via an RJ-45 cable (rcc.CBL-2 or rcc.CBL-5) which carries the data and power to the unit.

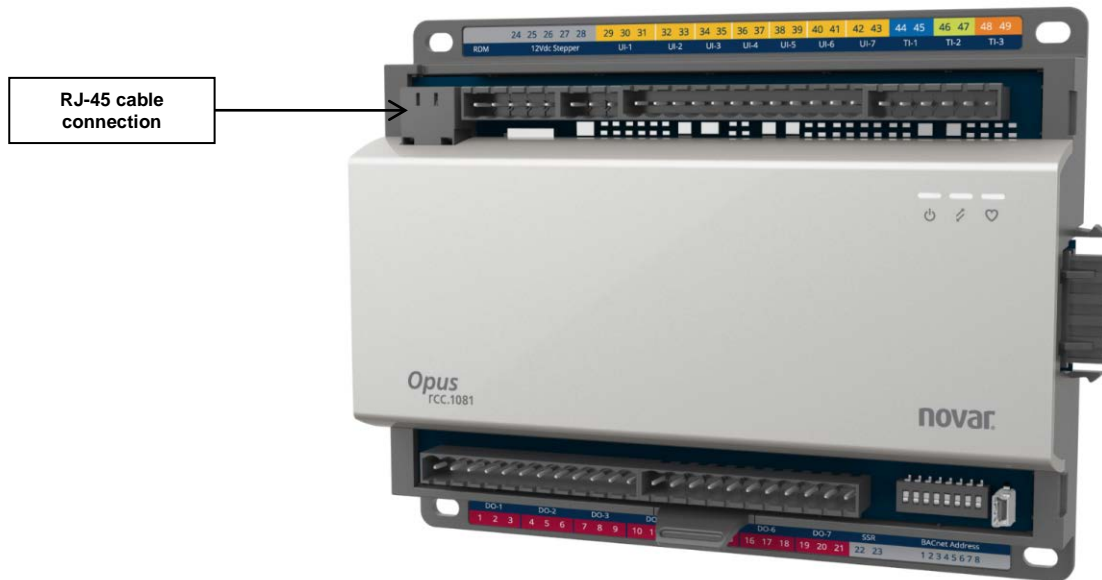


Figure 7 rcc.1081 BACnet Case Controller

Model & Part Numbers

Table 1 provides the part numbers that should be used to order the necessary Novar parts.

Table 1. Novar Part Numbers

Part No.	Product Description
RCC-1081	Refrigeration Case/Circuit Controller
RCC-RUI	Remote Display
RCC-CBL-2	Remote Display Cable, RJ45, 2 meters (6.6 feet)
RCC-CBL-5	Remote Display Cable, RJ45, 5 meters (16.4 feet)

Regulatory Compliance

This device complies with FCC Part 15, Subpart B, Class A. Operation is subject to the following two conditions: 1 This device may not cause harmful interference, and 2 This device must accept any interference received, including interference that may cause.

To comply with FCC and Industry Canada RF exposure limits for general population/ uncontrolled exposure, the antenna(s) used for these transmitters must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Comms Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 Subpart B of the FCC Rules. These limits are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case, users at their own expense will be required to take whatever measures may be required to correct the interference. Any unauthorized modification of this equipment may result in the revocation of the owner's authority to continue its operation.

Canadian Department of Comms (DOC)

NOTE!



This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la Classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Waste Electrical & Electronic Equip

NOTE!



Customers are advised to dispose of this product at the end of its useful life according to applicable local laws, regulations, and procedures.

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