

FREQUENCY CONVERTER REMOTE CONTROL ACCESSORIES



SINGLE CHANNEL AC or DC RCCU SHOWN

ELECTRICAL SPECIFICATIONS:

Voltage(s): 115/200 VAC, 3Ø 400Hz, or 28VDC, or 270VDC (specify)

Standard Configurations: (single or dual, specify)

- 115/200 VAC, 3Ø 400Hz
 - RCCU-AC-601 (≤ 60 kVA)
 - RCCU-AC-901 (≤ 90 kVA)
- 28 VDC, 16.8kW
 - RCCU-DC-281
- 270 VDC, 72kW
 - RCCU-DC-271

MECHANICAL SPECIFICATIONS:

Size: See Figure 1 (typical, varies upon configuration - contact factory)

Weight: 100 lbs, typical (depending upon config.)

Temperature Range: -40°C to +55°C

Connections: Compression lugs

Mounting: Wall or stand



REMOTE CONTROL UNITS
(RCU-2 and RCU-4 Configurations Shown)

MECHANICAL SPECIFICATIONS:

Size: See Figures 2-4

Temperature Range: -40°C to +55°C

This product was manufactured in a plant whose quality management system is registered to ISO 9001:2008.

RCCU SERIES

The RCCU Series is intended to be component parts of a 400Hz distribution system from which multiple output stations are operated, each to provide individual control, monitoring, and protection functions to a single aircraft. The RCCU units are rated in kVA when used in 400Hz distribution systems and in voltage and kilowatts when used in either a 28VDC or 270VDC distribution system. These units are available in single or dual channel configurations. This method of distributing power is often used in hangars to service aircraft repair stations, or in laboratories where individual bench power is required. Once the distribution system is energized, each station's output power is operated locally and independently through the use of an RCCU Series product, providing both convenience and added safety for the end user.

The standard RCCU Series products are provided with properly rated contactors that seamlessly operate with aircraft safety interlock systems. A number of options are available depending on application needs as listed below.

FEATURES:

- Complies to MIL-STD-704F, ISO-6858, DFS-400, SAE ARP 5015 and other interface standards.
- NEMA Type 4 Enclosure for Indoor/Outdoor Use
- NEC Code, Article 513.4 Compliant
- ETL Listed to ANSI/ UL Standard 508A
- Automatic Aircraft Safety Disconnect
- Heavy Duty Controls and Indicator Lights
- Lamp Test
- Power Available Lamp

OPTIONS:

- AC phase rotation protection
- AC loss of phase protection
- Over/under voltage protection (field adjustable)
- Over/under frequency protection (field adjustable)
- Overload protection
- Remote Control Provision(s) - RCP
- Ground fault monitor
- Dual output

ACCESSORIES:

- Output Power Cables with Strain Relief
- Power Cable Hangers
- Remote Control Units (RCUs)

RCU SERIES

Depending on configuration, the Remote Control Unit (RCU) push-button station enables the user to operate the frequency converter, RCCU, and/or power cable hoist from a remote location. This is particularly useful in installations where space constraints or environmental concerns require the equipment to be placed in a separate room, or mounted to a wall or overhead structure.

FEATURES:

- NEMA Type 4 Enclosure for Indoor/Outdoor Use
- ETL Listed to ANSI/ UL 508A
- Heavy Duty Controls and Indicator Lights

CONFIGURATIONS:

- RCU-2: Input power on/off remote control and indicator light.
- RCU-3: Output power on/off remote control and indicator light.
- RCU-4: Dual output power on/off remote controls and indicator lights.
- RCU-5: Input power on/off remote control, output power on/off remote control, and indicator lights.
- RCU-6: Output power on/off remote control, indicator lights, and cable hoist up/down remote control.
- RCU-7: Input power on/off remote control, indicator light and summary alarm.

FIGURE 1

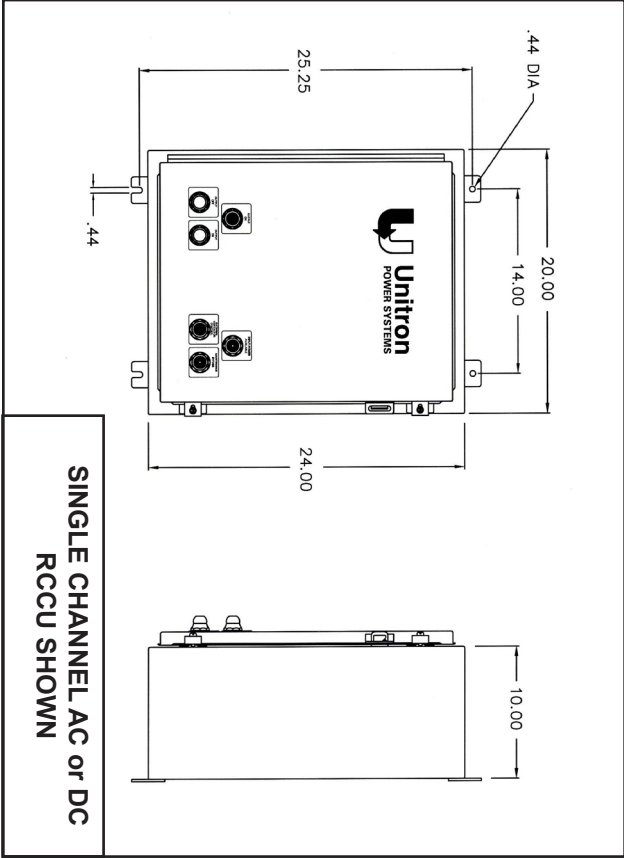


FIGURE 2

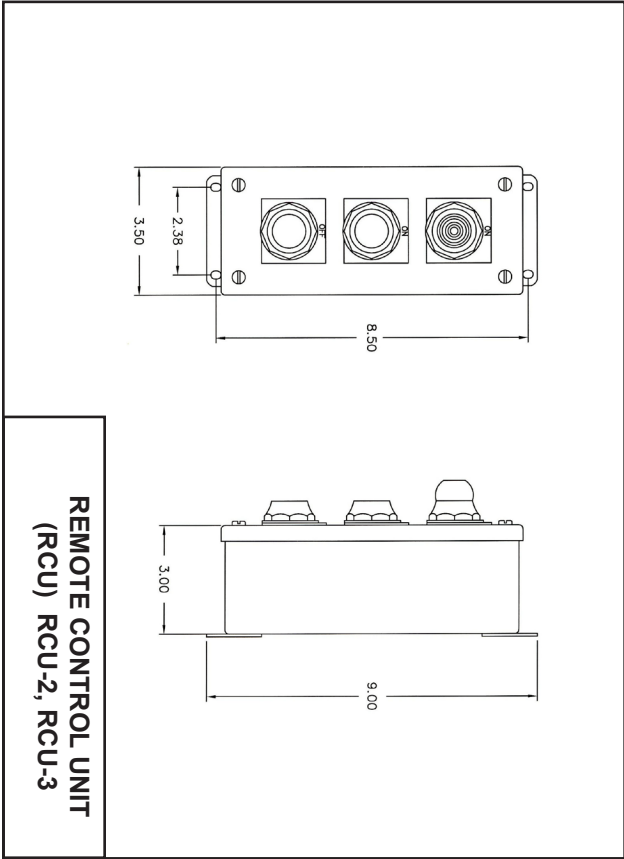


FIGURE 3

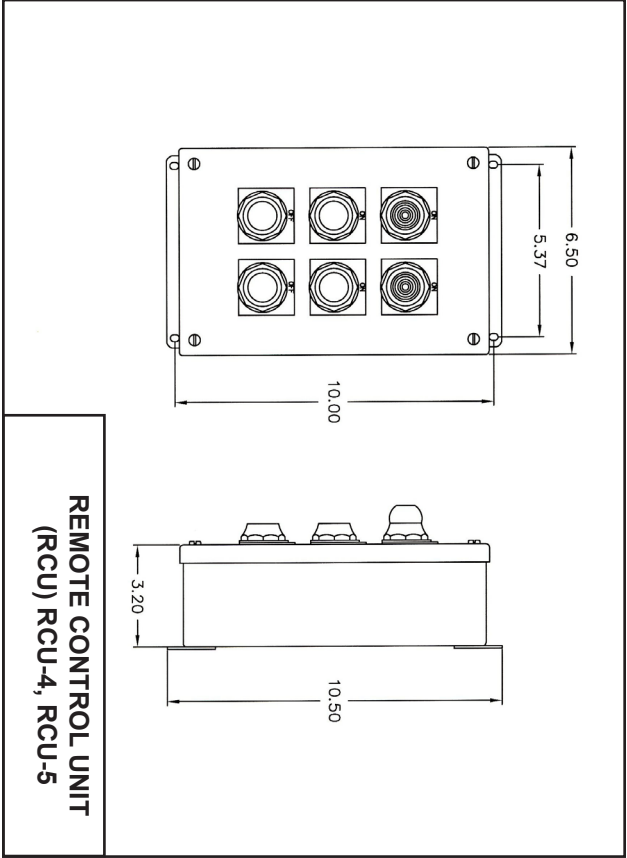


FIGURE 4

