AUROCO-2800-SBSM SINGLE BOARD STANDARD RCU

MODEL NO.:

GCS-AU-SB-2800-SBSM

GENERAL

The GUEST CONTROL SYSTEMS LIMITED AUROCO-2800-SBSM STANDARD RCU is smart guest room control unit that enable temperature, lighting, drape, bedside panel and tablet with integration to smart door lock, voice recognition system, guest optimization applications and property management systems.

With guestroom analytics, occupancy-based energy management and intuitive guest facing technology, the hotel operator can manage individual room, or the entire cluster of rooms to drive energy efficiency, monitor alarms, perform proactive maintenance and improve operational efficiency, while the guest can enjoy exceptional comfort and convenience the expect.

SPECIFICATIONS

- Standard single board RCU compete with enclosure.
- 11 channels 220V /16A AC output（use for lighting control）
- 4 channels 220V /10A AC output（use for lighting and drape control）
- 3 channels 220V /16A AC output(for HIGH, MIDDLE AND LOW wind speed control of coil air conditioners)
- 2 channels 220V /10A AC output(use for coil air conditioner HOT AND COLD solenoid valve control)
- 2 channel 220V /30A AC output（use for power socket and high power lighting）
- 2 channels 220V /6A AC thyristor voltage and dimming output.
- 28 low voltage backlight control output (switch backlight/room number/PLEASE WAIT/MUR/DND/door bell)
- 32 low voltage dry contact control signal inputs (switch/door bell/door magnetic contact/cabinet magnetic contact/infrared sensor/key card insert)
- 2 channels 485 communication bus.
- The network adopts TCP100 gateway communication and can be connected to the host instantaneously when the network is disconnected.
- Memory storage capacity is 4KB.
- Use squirrel-cage power supply casing with wide voltage input (85V ~ 277V).
- No-load power consumption <0.3W.
- Over-voltage and over-load protection.
- Deploy Omron high anti-surge and moisture-proof relays with maximum current of 16A and a service lifespan of more than 100,000 times.

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- Low heat generation and fast heat dissipation.
- The 485 protocol can handle temperature control, infrared forwarding, switches, motors and various 485 control interfaces. Interface processing is within 300ms. All switches with 485 protocol can be connected.
- The chassis is stamped from 1.2MM high-strength cold-rolled steel plate with very robust structure.
- The main component uses an ARM-based processor, with low heat generation, long service lifespan and fast processing.
- The background control system adopts B/S architecture, which provide convenient view information (check-in / SOS / service / clean-up, etc.) on the mobile platform (tablet / mobile phone). The front-end computer only needs to open the webpage to work without requiring to install any Software for quick device replacement.
- Options
  1. High voltage expansion board 6 or 16 channels
  2. Voice recognition
  3. 433 wireless protocol interface for communication with wireless switches
- Enclosure measurement: 460mm X 350mm X 80mm
- Enclosure chassis color: Black

FEATURES

- Guestroom energy management
- Temperature control
- Lighting control with dimming & scenes
- Drape control
- DND/MUR/PLEASE WAIT
- Bedside panel control
- Tablet with intuitive digital experience
- Door lock integration
- Property management System integration
- Integration with guest optimization application to facilitate maid service requests.
- Wired or wireless
- Proactive maintenance

ADVANTAGES

- Enhance guest experience and comfort
- Improve brand recognition
- Lower maintenance cost
- Remote monitoring & management
- Deliver intuitive experience
- Increase asset value and differentiation

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