

Low Profile Switch Control Panel

for CPI Satellite Uplink Amplifiers and Systems

The CPI Switch Control Panel

1 RU Panel provides full M&C and switch control capability for most CPI HPAs*

Compact and Easy to Use

The CPI low profile switch controller is an indoor, rack-mountable panel that provides local control and monitoring for up to ten amplifiers (HPAs). Alternatively, it can provide full M&C of CPI 1:1/1:2 redundant systems or 1:1 power combined systems along with the associated HPAs. In addition, if any of the four ports on the controller are not being used, they can be assigned to monitor the faults of alternative equipment, if said equipment can provide a closed/open contact relay. The amplifiers can be easily controlled and monitored by selecting the appropriate amplifier on the bright, fluorescent display and making any adjustment using the navigation keys on the front panel. User's M&C system can be connected to either the controller's RS-485 or RS-232 serial interface, or via Ethernet port.

Worldwide Support

Backed by over two decades of satellite communications experience, and CPI's worldwide 24-hour customer support network that includes twenty regional factory service centers.



Communications & Power Industries

Accessories



Accessories

Low Profile Switch Control Panel

Specifications

Model Number 01032330-01**

Display Screen

- Redundant Switch System Status
- Redundant Switch System Control
- Amplifier Status
- Amplifier Menu
- Amplifier Meters
- Amplifier Settings
- Amplifier Event Log

System Indicators

- M&C Remote Control
- Local Panel Control

Amplifier Indicators

- Amplifier Remote Control Enable
- Transmit and Standby
- Fault
- RF Inhibit
- On-Line

Front Panel Controls

- Panel/CIF/Ethernet/Discrete
- Switch System Selector
- Amplifier Selector
- Transmit and Standby
- Fault Reset
- RF Inhibit
- Amplifier RF Power Level
- Menu Selector

Rear Panel Connections/Controls

- AC Prime Power Input
- AC On/Off Switch
- RS-485 to Amplifier(s)
- RS-232/422/485 Digital Serial
- M&C Port
- 10Base-T Ethernet M&C Port
- RS-232 Diagnostics Port
- 4x Switch Control
- 3X HPA Control

Mechanical

- Size (H x W x D)
- 1.75 x 19 x 10 inches

Mechanical specs, continued

- Weight
- 5 lbs. (2.27 kg)

Electrical

- Input Power
- 100 to 240 VAC $\pm 10\%$
- 50/60 Hz, less than 10 watts

Environmental

- Operating Temperature Range
- 10°C to +50°C
- Non-Operating Temp. Range
- 40°C to +70°C
- Relative Humidity
- 95% non-condensing
- Altitude
- 10,000 ft. with standard adiabatic derating of 2°C per 1,000 feet, operating.
- 40,000 ft. non-operating.
- Shock and Vibration
- As encountered in normal transportation

Notes:

*Please contact CPI to confirm amplifier compatibility

**This item comes without chassis slides. For a remote control unit with chassis slides, please order model 01032330-00.

Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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