

8-channel Ethernet I/O for ARC Plus

Ideal for:

- Transmitter sites
- Microwave relay sites
- Translator sites
- LPFM, LPTV
- Uplink/Downlink facilities
- Network Operation Centers
- HVAC applications
- Server closets



- 8 inputs, each selectable as metering or status
- 8 output relays, configurable as up to 4 raise/lower pairs or 8 individual relays
- Ethernet link to ARC Plus
- Available with rack mount adapter.

Cost Effective I/O Expansion

Now it's easier than ever to monitor and control equipment in all areas of the facility using simple, Ethernet-based connectivity. The Plus-X 300 eight-channel I/O interface adds eight metering or status inputs and eight relay outputs to any ARC Plus remote control system, providing a versatile, cost effective expansion path.

Easy Installation

Thanks to IP connectivity between the Plus-X 300 and the ARC Plus, installation is straightforward. Sample voltages connect directly to the Plus-X 300 using the included Phoenix-type connectors. There is no need for external breakout panels.

Wide Range of Applications

In addition to traditional transmitter site applications, the Plus-X 300 is well suited for use in studios, control rooms, IT space and elsewhere because engineers no longer have to accommodate wiring paths

back to the remote control rack. Instead, Plus-X units distribute I/O throughout the building while the ARC Plus manages all alarms, notifications, automatic events and corrective actions.

Flexible I/O Implementation

Each of the eight input channels can be configured either as meter or status, allowing engineers to adapt the Plus-X 300 to the monitoring requirements of each installation. In addition, metering inputs may double as status channels with no additional equipment wiring. For example, an analog power sample may also be used to supply a *power low* or *power high* status signal.

Relay outputs may be used in any combination of individual relays (momentary or latching) or mutually exclusive raise/lower pairs.

Other Plus-X Ethernet I/O Products

Plus-X Integrated Input Unit

Each Plus-X Integrated Input Unit connects 16 metering and up to 32 status channels to the ARC Plus.

Plus-X Integrated Command Relay Unit

Each Plus-X Integrated Command Relay Unit facilitates the connection of up to 16 command channels to the ARC Plus (8 raise/lower pairs or 16 individual relays).

Plus-X AC-8

The Plus-X AC-8 eight remote outlet controller makes it easy to manage power to 120V equipment at remote locations.

PlusConnect™

The PlusConnect line of direct transmitter interfaces allows a single serial or Ethernet connection between the ARC Plus and many popular transmitters.

For a full list of accessories, visit www.burk.com.

Specifications

Dimensions:

1.35" (3.43cm) H
9.2" (23.37cm) W
3.85" (9.78cm) D

Status Inputs:

0–28VDC or switch closure

Analog Inputs:

0–10VDC, 10mV resolution

Relays:

5A, 240VAC

Hysteresis:

User-configurable set points per input channel

Mounting:

Mountable on surface or on wall with hardware cutouts; Available with rack mount adapter (RMA300)

About Burk Technology

Burk Technology leads the industry in transmitter remote control and monitoring, offering innovative approaches to total station control and operation.

Founded in 1985, Burk Technology's sole objective is to build facility management and remote control systems that appeal to stations of all sizes around the world.

Today the company's solutions are considered to be "best-in-class" and continue to evolve, anticipating economic, regulatory and technological changes.

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