

PathWay® Model 7146 6-Channel Normal/Bypass Switch, E1 Interface with Remote Control

- **Allows New Equipment to be Added-To or Bypassed From E1 Data Links**

Six-Channel System Switch: Model 7146

Model 7146 has six complete Normal/Bypass switch functions in the rackmount enclosure of 2U high (2U is 3.5 inches) x 19 inches wide x 8 inches deep. Twenty-four RJ48 connectors, one Remote Control connector and one Power connector are on the rear panel. Each switch channel is able to be switched singly or all channels as a group. Only one power supply is needed.

The Model 7146 6-Channel Normal/Bypass Switch, E1 Interface with Remote allows the user the capability of accessing four separate devices per channel and setting each group of devices to a pre-determined configuration based on whether the channel is set to Normal or Bypass. Each switch may be controlled manually via a front panel pushbutton or remotely from an RS232 serial port located on the rear of the unit. Switch position status may be attained via the front panel LED display or the remote RS-232 serial port (DB9) located on the rear of the unit. All 8 pins of the RJ48 are switched.



FEATURES:

- Rackmount Configuration.
- Local or Remote Control.
- LED's Display Switch Position.
- Automatic Switch to Bypass, if data activity is lost.
- Automatic Switch to Bypass mode, if power is lost.
- E1 ports are RJ-48 Connectors located on the rear panel.
- Model 7146 is a 6-Channel unit.
- Channels can be switched independently.
- UL approved wall mount power module supplied with unit.
- Power module accommodates wide voltage range.
- A 3-Channel unit is also available (Model 7143, Cat 307143)
- A 1-Channel unit is also available (Model 7141, Cat 307141)

SPECIFICATIONS:

PORT CONNECTORS: (24) RJ48 female connectors (Four connectors labeled 1, 2, 3, 4, for each of the six channels).

FRONT PANEL CONTROLS: (6) Manual pushbuttons allow local switching.

DISPLAY: (12) Front panel LED's display switch position and power status.

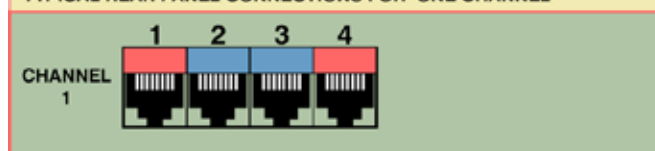
REMOTE: (1) DB9 (F) connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation

POWER: UL approved 100 - 240 VAC, 47-63 Hz wall mount power module supplies 12 VDC, 2.0A power

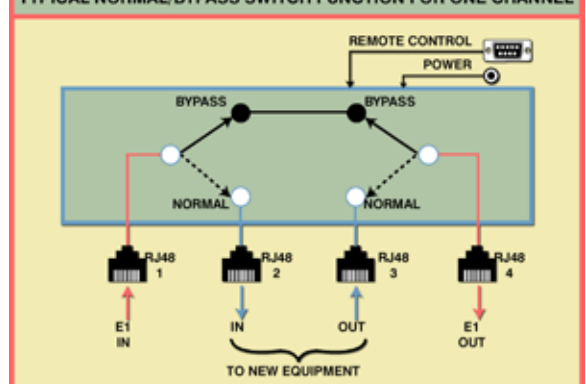
DIMENSIONS: Rackmount 19.0" W x 3.5" H x 8.0" D.

WEIGHT: Approximately 4.5 lbs

TYPICAL REAR PANEL CONNECTIONS FOR ONE CHANNEL



TYPICAL NORMAL/BYPASS SWITCH FUNCTION FOR ONE CHANNEL



Power Module (Cat No. 516265) is supplied with All Normal / Bypass Switch Models.

- The UL Approved wall mount power module plugs into a 100-240 VAC / 47-63 Hz wall receptacle and supplies the Bypass Switch with 12 VDC / 2.0A power.