

## QuickSwitch® 6306 8-Channel, LC Duplex Online/Offline Switch with Contact Closure Remote

- **Quick Connect/Disconnect to/from network. The ultimate FIREWALL!**
- **Absolutely NO data passes through the switch when in the OFFLINE position.**

### INTRODUCTION

The **QuickSwitch® 6306** 8-Channel, LC Duplex Online/Offline Switch with Contact Closure Remote allows the user the capability of connecting or disconnecting two separate devices, ports "COM" and "A", via an Online or Offline connection, for 8 channels simultaneously. The QuickSwitch® 6306 fits in a standard 19" rack, taking 2U of rack space.

The switch may be controlled manually via the front panel pushbutton or remotely from a DB9 port located on the rear of the unit. Switch position state may be attained via the front panel LED.

### FEATURES:

- **Eight LC Duplex Channels** allow simultaneous quick connection or disconnection between two fiber optic networks or devices.
- The switch ports are transparent to all data.
- All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology.
- When power is lost, all channels revert to the Offline position
- Upon power up, unit switches based on state of Contact Closure.
- Simultaneous channel control via front panel pushbutton control or Contact Closure Remote.
- Front panel pushbutton control.
- Front panel LED's display present position and power status.
- Remote Contact Closure control provides dry contact logic to allow the control of the switch position and lockout state.
- COM and A ports for the LC duplex are, Multi-mode, 50/125 micron, and support a wavelength of 850nm.
- The fiber ports are configured per TIA/EIA-568-B.3, where the TX of the COM port is routed to the RX of the A ports and vice versa.



### SPECIFICATIONS:

**PORT CONNECTORS:** (2) LC duplex female, connectors, labeled A and COM for each of eight channels.

**FIBER:** 50/125 micron, 850 nm.

**FRONT PANEL CONTROL:** (1) Manual pushbutton allows local switching of all channels simultaneously.

**DISPLAY:** On the front-panel, (1) Green LED (ONLINE) and (1) Red LED (OFFLINE) display switch position and power.

**REMOTE:** (1) DB9 female connector accepts contact closure signals for remote control operation.

**POWER:** UL Approved 120VAC/240VAC, 50 Hz/60 Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

**DIMENSIONS:** 19.0" W x 3.5" H x 10.8" D.  
(48.3 x 8.9 x 27.5 cm)

**WEIGHT:** Approximately 6.5 lbs. (3.0 kg)

### WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

