

QuickSwitch® 6307 Single Channel LC Duplex Online/Offline Switch, Single Mode, 9/125 micron with Contact Closure Remote

- **Quick Connect/Disconnect to/from network.**
- **Absolutely NO DATA passes when switch is in the OffLine position.**

INTRODUCTION

The **QuickSwitch® 6307** Single 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. The QuickSwitch® 6307 fits in a standard 19" rack, taking only 1U 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:

- Allows 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, switch reverts to the OffLine position.
- Upon power up, unit switches based on state of Contact Closure.
- 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, as well as status.
 - » A pulse to close contacts across Pin 4 and Pin 5 of the DB9 Remote port causes the unit to switch between OnLine and OffLine positions.
 - » When Pin 1 is shorted to Pin 2 the front panel will lockout.
 - » Remote status provided via Pin 7 and Pin 8. When pins are shorted the unit is in OnLine position and when open the unit is in OffLine position.
- Fiber optic ports (COM & A) are LC Duplex Angle Polished, Single mode, 9/125 micron, and support a wavelength of 1310nm.
- 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 Angle Polished connectors, labeled IN and OUT.

FIBER: 9/125 micron, 1310 nm.

FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.

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

REMOTE CONTROL: (1) DB9 female connector on rear panel accepts Contact Closure commands for Remote Control operation.

POWER: UL Approved 100VAC-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 1.75" H x 8.0" D. (48.3 x 4.4 x 20.3 cm)

WEIGHT: Approximately 4.5 lbs. (2.0 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.**

QuickSwitch® Model 6307 LC Duplex OnLine/OffLine Switch Application with Contact Closure Remote

