Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 6256 Tri-Channel SC Duplex Fiber Optic A/B/OFFLINE Switch with Contact Closure Remote

INTRODUCTION

The **QuickSwitch**® 6256 Tri-Channel SC Duplex A/B/Offline Switch with Contact Control Remote allows a device connected to the "COM" port access to the "A" or "B" port for each of its three channels. Alternatively, the unit can be switched to its OFFLINE position and totally isolate connection to the "A" and "B" ports. The QuickSwitch® 6256 fits in a standard 19" rack, taking 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's.

FEATURES:

- Each of three channels allows quick connection to any one of two SC Duplex devices from one COMMON device.
- The switch ports are transparent to all data.
- **All fiber signals are switched via break-before-make MEMS-based mirror/prism switch technology and supports Gigabit data rates.**
- When power is lost, all channels revert to the Offline position.
- When power is restored, all channels remain in the Offline position until commanded otherwise.
- "OFFLINE" switch position stops any and all data throughput for the unit.
- Local control via front-panel pushbuttons.
- **Individual control of each channel.**
- The Remote port accepts dry contact closure commands for switch position.
- Front panel LED's display switch position and power status.
- All fiber ports are SC duplex, multimode 50/125 micron and support a wavelength of 850 nm.
- Custom length rigorously tested and certified, SC duplex fiber optic cables available for your switch installation.

QuickSwitch® Model 6256

SPECIFICATIONS:

PORT CONNECTORS: (9) SC duplex connectors (A group of (3) labeled A, B, and COMMON for each of the 3 channels).
FIBER: 50/125 micron, 850 nm.
FRONT PANEL CONTROLS: (3) Manual pushbuttons allow local switching.
DISPLAY: (6) Front panel LED's display switch position and power status.
REMOTE: (1) DB9 female connector on rear panel accepts contact closure switch commands for Remote Control operation.
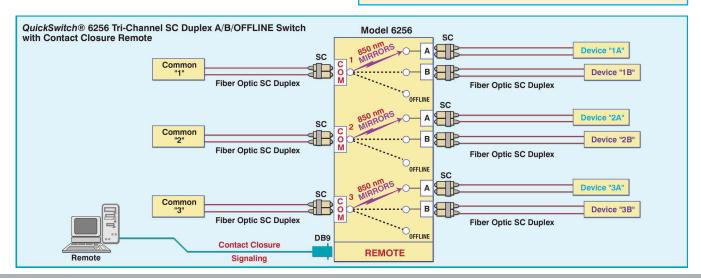**POWER:** UL approved 100VAC-240VAC, 50Hz-60Hz wall mount power module supplies 12VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: 19" W x 1.75" H x 10" D. (48.3 x 4.9 x 25.4 cm)
WEIGHT: 5.5 lbs. (2.5 kg)

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed wall mount power module, 100VAC-240VAC, 50Hz-60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

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