Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

SPECIFICATIONS
MODEL 4292
Cat. No. 304292

QuickSwitch® 4292 Single Channel LC Duplex A/B/C/D/OFFLINE Switch with RS232 Remote

INTRODUCTION

The QuickSwitch® 4292 Single Channel LC Duplex A/B/C/D/ Offline Switch with RS232 Remote allows the user the capability of sharing a single port interface device connected to the "COMMON" port among four other devices connected to the "A", "B", "C", and "D" ports, or to isolate all ports in the Offline position. Remote access can be accomplished using a DB9 RS232 connection and ASCII serial commands. The QuickSwitch® 4292 is enclosed in a 1U, full rack size, all metal black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

FEATURES:

- Allows quick connection to any one of four 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.**
- Front panel pushbutton control.
- Switch reverts to the Offline position on power loss and does not pass data.
- Upon power up, unit remains in the Offline position until commanded otherwise.
- No false pass through positions ensured by switching to the offline position before switching to a new position.
- Remote Control RS232 ASCII command interface that allows the user to control switch position, lockout front panel operations, obtain switch status, as well as, query firmware version number, query serial number, and enable/disable autosend of switch positions.
- **Remote control of the switch is password protected, where the password protection can be disabled.**
- Front panel LED's display present position and power status.
- All fiber optic ports are LC Duplex, Multimode, 50/125 micron, and support a wavelength of 850nm.
- Custom length rigorously tested and certified, LC fiber optic cables available for your switch installation.

QuickSwitch® Model 4292

SPECIFICATIONS:

FIBER: LC multimode, 50/125 micron, wavelength 850 nm.

PORT CONNECTORS: (5) LC duplex female connectors, labeled A, B, C, D, and COMMON.

FRONT PANEL CONTROLS: (5) Manual pushbuttons allow local switching.

DISPLAY: (5) Front-panel LED's display switch position, and power status.

REMOTE CONTROL: (1) DB9 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.
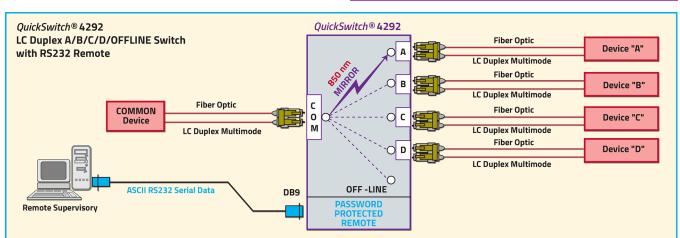
POWER: UL Approved 100VAC-240VAC, 50Hz-60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

DIMENSIONS: 19.0" W x 1.75" H x 10.76" D. (48.3 x 4.4 x 27.4 cm)

WEIGHT: Approximately 5.5 lbs. (2.5 kg)

WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table 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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