Electro Standards Laboratories

ADVANCED SYSTEMS DESIGN & SERVICES

QuickSwitch® 4293 Single Channel LC Duplex A/B/C/D/Offline Switch with Contact Closure Remote and Keylock

- **Secure OFFLINE switch position stops any and all data throughput for the switch.**

INTRODUCTION

The QuickSwitch® 4293 Single Channel LC Duplex A/B/C/D/Offline Switch with Contact Closure Remote and Keylock allows a device connected to the "COM" port access to the "A", "B", "C", or "D" ports. The QuickSwitch® 4293 is enclosed in a 1U, full rack size, all metal black chassis designed to fit in a standard 19" rack. Front panel Keylock permits or inhibits pushbutton control. The switch may be controlled locally by manually operating the front panel pushbuttons or remotely from the DB15 REMOTE port located on the rear of the unit. The DB15 REMOTE port provides control through contact closure and allows the user to both control and monitor the switch position remotely. The DB15 REMOTE port also allows the user the capability of locking out the front panel pushbutton controls. The front panel LED display indicates the switch position and unit power status.

QuickSwitch® 4293

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 and supports Gigabit data rates.**
- 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.
- Front panel pushbutton control.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position and lockout state as well as obtain the present position and lockout status.
- **Front panel Keylock inhibits or permits pushbutton control.**
- Front panel LED's display present position and power status.
- All fiber ports are LC, Multimode, 50/125 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/B ports and vice versa.
- Custom length rigorously tested and certified, LC fiber optic cables available for your switch management.
- One year parts and labor warranty against manufacturing defects.

SPECIFICATIONS:

FIBER: LC multimode, 50/125 micron, wavelength 1310 nm.
PORT CONNECTORS: (5) LC duplex female connectors, labeled A, B, C, D, and COMMON.
FRONT PANEL CONTROLS: (5) Manual pushbuttons allow local switching. (1) Front panel Keylock locks or unlocks the front panel pushbutton control.
DISPLAY: (5) Front-panel LED's display switch position, and power status.
REMOTE CONTROL: (1) DB15 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 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.
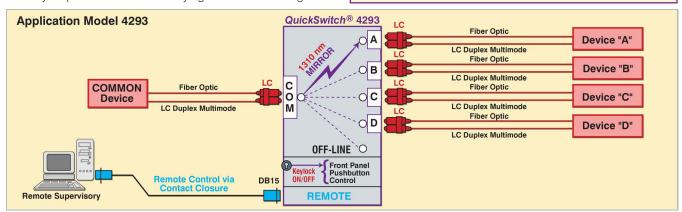**DIMENSIONS:** 19.0" W x 1.75" H x 10.80" D. (48.3 x 4.5 x 27.5 cm)
WEIGHT: Approximately 5.3 lbs. (2.5 kg)

WIDE RANGE POWER OPTION AVAILABLE:

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

Application Model 4293