

# 5 Port Industrial Unmanaged Fast Ethernet Switch

## Catalog Number GCL-3525

### General Description

The GCL-3525 provides 5 fast Ethernet ports with Auto MDI/MDI-X, 10/100 MBps auto negotiation, and broadcast storm protection. Its green design automatically adjusts power consumption by detecting link status and cable length.

This slim size, DIN rail/wall mount switch has an IP40 enclosure to protect against dusty industrial environments. Redundant power input design is secured with a double protection mechanism; Power Polarity Reverse Protect and an Overload Current Resettable Fuse. The former tolerates reverse power wiring and the latter secures the system from overload currents.

A "VIP" port provides optimal bandwidth for media traffic through a priority setting.

There is also a relay output for an event alarm. In the event of a power failure, the built-in LED will activate the alarm, engineers can verify the hardware status simply by checking the LED.



### SPECIFICATIONS

<b>Communications</b>	Standards IEEE 802.3, 802.3u, 802.3x, 802.1p, 802.3az
<b>Transmission</b>	10/100Base-Tx, up to 100meters, up to 100Mbps
<b>Interface</b>	(5) RJ45 connectors, 6 pin removable power/relay screw terminal
<b>LED's</b>	P1, P2, P-Fail, Loop Detection, (2) per port for Link Activity, Speed
<b>Switch Properties</b>	2K Address Table, 384K bit buffer, 1.0Gbps Fabric Speed
<b>Power Input/Consumption</b>	Input 12~48VDC, 2.4W max consumption Redundant dual inputs w/ (1) relay output
<b>Dimensions</b>	1.02 x4.73 x 3.35" (28.5 x 120 x 85.3 mm) (W x H x D)
<b>Mechanical</b>	IP40 Enclosure, plastic & metal shell, solid DIN-rail/wall mounting
<b>Protection</b>	Reverse Polarity, Overload Current
<b>Temperature</b>	-10~60°C (14~140°F) Operating, -40~850°C (-40~185°F) Storage
<b>Humidity</b>	5~95% non-condensing operating, 0-95% storage
<b>MTBF</b>	1,516,102 hours
<b>Certifications</b>	CE, UL 60950-1, CAN/CSA-C22.2 No 60950, FCC Part 15 Subpart B Class A, EN 55011/55022 Class A, IEC 60068-2-27 (Shock), IEC 60068-2-32 (Freefall), IEC 60068-2-6 (Vibration), EMS EN61000-4-2 thru 8

25603 Red Brangus Drive, Spicewood, TX 78669  
512-264-8390 or 800-SoftPLC (US/Canada)  
FAX: 512-264-8399 info@softplc.com



www.softplc.com