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10/100M Unmanaged Industrial PoE Switches

LV-GYFP005B

Introduction	Image
This unmanaged Ethernet PoE switch is specialized for harsh industrial environment. It is classified as power resource equipment, which can be used to power IEEE 802.3af/at compliant powered devices, eliminates the need of additional wiring. With simple operation, excellent quality and competitive price, it provides an economical solution for your industrial Ethernet network, which is also specially designed for the needs of multiplex broadband access with limited optical fibers.	

Features & Benefits
❖ 4 IEEE 802.3af/at PoE compliance 10/100Base-T(X) ports and 1 Up-Link Port
❖ Up to 30W at 48V DC power output on each PoE port
❖ Super lightening protection, IP40 protection
❖ Excellent heat elimination without cooling fan
❖ Redundant dual DC power inputs
❖ -40℃to +85℃operating temperature range

Switch Properties
❖ MAC Table Size: 2K
❖ Packet Buffer Size: 6KX64bits
❖ Processing Type: Store and Forward
❖ Exchange Properties: 148800pps (100M)

Physical Characteristics
❖ Housing: Aluminum Alloy material with IP40 Protection
❖ Dimension: 138mm(L) X 112mm(W) X 42mm(H)
❖ Weight: 470g
❖ Installation: Din-Rail mounting, Wall mounting

Interfaces
❖ 5 RJ45 Ports: 10/100Base-T(X) auto negotiation

Power
❖ Input Voltage: 48V DC(44-57VDC), Redundant dual inputs
❖ Input Current: <0.5A @48VDC
❖ Overload Current Protection: Present
❖ Reverse Polarity Protection: Present
❖ Redundant Protection: Present
❖ Connection: 1 removable 6-pin terminal blocks

Environmental Limits
❖ Operating Temperature: -40℃to +85℃
❖ Storage Temperature: -40℃to +85℃
❖ Ambient Relative Humidity: 5% to 95% (non-condensing)

Standards
❖ Safety: UL 60950-1

❖ EMS: ➢ EN61000-4-2 (ESD)，Level 3 ➢ EN61000-4-3 (RS)，Level 3 ➢ EN61000-4-4 (EFT)，Level 3 ➢ EN61000-4-5 (Surge)，Level 3 ➢ EN61000-4-6 (CS)，Level 3 ➢ EN61000-4-8，Level 3
❖ Shock: IEC 60068-2-27
❖ Free Fall: IEC 60068-2-32
❖ Vibration: IEC 60068-2-6
❖ EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A
❖ Industry: IEC61000-6-2
❖ Rail: EN50155, EN50121-4
❖ Traffic: NEMA TS-2

Warranty
5 years

Models Available	
Model No	**Description**
LV-GYFP005B	1*10/100M Up-Link Port and 4*10/100M PoE Port