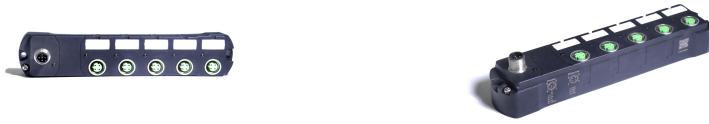


Product Model

LGS2000-F-5GE-M12-I

Product Image



Product Overview

LGS2000-F-5GE-M12-I Gigabit small port switch provides 5 Gigabit electrical ports, M12 interface, plug and play. 5 electrical ports full load power is less than 4 watts. EMC industrial level 4 protection performance, can effectively resist the interference of static electricity, lightning, pulse; corrugated high-strength aluminum profile shell, IP40 grade, low power consumption design, vibration-resistant rail mounting, can work in -40°C - 85°C harsh environment; this series of products are especially suitable for intelligent transportation, energy, power, security and other harsh industrial occasions, to provide fast and reliable communication connection. The series are especially suitable for harsh industrial applications such as intelligent transportation, energy, power and security, providing fast and reliable communication connections.

Technical Specification

Standard

IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.3ab 1000BASE-T

Switch Properties

MAC Table: 8K
Packet Buffer: 1M
Packet Forwarding Rate: 7.44Mpps
Switching Delay: <5us

Interface

M12 Ports: 5 10/100/1000Base-Tx ports, M12 female, X-coded

LED

Power LED: PWR
Interface LED: M12(Link&ACT),

Power

Power Terminal: 5-pin 3.81mm-spacing plug-in terminal block
Full load power consumption: <4W
Overload Protection: Support

Industry Standard

EMI:
FCC CFR47 Part 15, EN55022/CISPR22, Class A
EMS:
IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air)
IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)
IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV

IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV
IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

Physical Characteristics

Housing: Metal, fanless
Protection Class: IP40
Dimensions : 45mmx128mmx100mm(W×H×D)
Weight: 0.55kg
Mounting: DIN-Rail or Panel mounting

Machinery:

IEC60068-2-6 (Vibration)
IEC60068-2-27 (Shock)
IEC60068-2-32 (Free Fall)

Approvals

CE, FCC, RoHS

Quality Assurance

MTBF: 360,000 hrs

Warranty: 3 years

Environmental Limits

Operating Temperature: -40 to 85°C
Storage Temperature: -40 to 85°C
Ambient Relative Humidity: 5 to 95% (non-condensing)

Machanical Drawing

