

LBTR05F

5-port 10/100BASE-TX Industrial Ethernet Switch



Industrial Ethernet switch with 5 × 10/100 Mbps RJ45 ports (one uplink plus four downlink ports), for connecting with devices like computer, switch, hub, server, etc. Specially designed for harsh outdoor applications. Its 6KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted system. Power input also chooses industry-standard types of power.

Interface

- 5-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function
- Less than 3 W power consumption

Industrial conformance

- 12V to 52V DC, redundant power input
- -40°C to 85°C operating temperature
- IP40 aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Specifications:

Model No.	LBTR05F
10/100BASE-TX Port	5 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:1Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC, dual redundant inputs
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) 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)

Certification	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	118 x 86 x 33.5 mm
Weight	Product Weight: 0.36KG Packing Weight: 0.46KG
Working Environment	Working temperature: -40~85°C ; Storage temperature: -40~85°C Relative Humidity: 5%~95 % (no condensation)
Warranty	5-year warranty.

Dimensions

