



BCS205-1F Unmanaged Industrial Ethernet Switch

Ordering information

Model	Descriptions
BCS205-1FM	5-port Industrial Ethernet Switch unmanaged 1-port 100Base-FX Multimode fiber ports 2Km. and 4 TP(RJ45) support 10/100Base-T(X)
BCS205-1FS	5-port Industrial Ethernet Switch unmanaged 1-port 100Base-FX Singlemode fiber ports 20Km. and 4 TP(RJ45) support 10/100Base-T(X)



Product Descriptions

Introduction:

The BCS205-1F series of industrial Ethernet switches are entry-level industrial 5-port Ethernet switches that provide an economical solution for your industrial Ethernet connection, support IEEE802.3/802.3u/802.3x. Dustproof and full close structure and the IP30 case with LED indicators make the plug-and-play BCS205-1F switches easy to use and reliable. These switches have been designed for harsh industrial environments.

BCS205-1F supports 4 TP ports and 1 fiber ports. TP(RJ45) support 10/100Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection; 100BaseFX supports single-/multi-mode, SC/ST/FC connector for optional.

Features:

1. IEEE802.3/ 802.3u/ 802.3x
2. Support auto negotiation speed, F/H duplex mode, and auto send data control
3. Plug-and-play, auto MDI/MDI-X connection
4. Store and Forward 100M
5. Switching process type
6. Broadcast storm protection
7. Network work state LED indicator
8. 12~36VDC power input Operating temperature ranges from -40 to 75°C
9. Industry standard design, dustproof and close design IP30, rugged high-strength metal case

Product Standard

Specification:

Interface

- RJ45 Ports: 10/100BaseT(X) auto connection, Full /Half duplex or force work mode, and support MDI/MDI-X connection
- Fiber Ports: 100BaseFX ports (SC/ST/FC connector, optional)
- Single-mode: 20, 40,60, 80, 120Km,optional
- Multi-mode: 2,5Km,optional
- Wavelength: 850nm, 1310 nm, 1550nm

Technology

- Standard: IEEE802.3, IEEE802.3x, IEEE802.3u
- Forwarding and Filtrate Rate: 148810pps
- Transmit type: Store and Forward switching process type
- Support 1K MAC Address

Power

- Input Voltage: 12VDC~36VDC, Overload Current Protection
- Connection: 3 bit terminal block

Mechanical

- Dimensions: (LxWxH): 103mmx78mmx32mm
- Packaging: IP 30 Protection, Metal case

Environmental

- Operating Temperature: -40 to 75°C
- Storage Temperature: -45 to 85 °C
- Ambient Relative Humidity: 10% to 95% (non-condensing)

Approvals

- EMI: FCC Part 15, CISPR (EN55022) class A
- EMS: EN61000-4-2 (ESD), Level 4
- EN61000-4-3 (RS), Level 3
- EN61000-4-4 (EFT), Level 4
- EN61000-4-5 (Surge), Level 4
- EN61000-4-6 (CS), Level 3
- EN61000-4-8, Level 5
- Shock: IEC 60068-2-27
- Free Fall: IEC 60068-2-32
- Vibration: IEC 60068-2-6
- Approvals: FCC,CE, RoHS approvals