



BCS205-2F Unmanaged Industrial Ethernet Switch

Ordering information

Model	Descriptions
BCS205-2FM	5-port Industrial Ethernet Switch unmanaged 2-port 100Base-FX Multimode fiber ports 2Km. and 3 TP(RJ45) support 10/100Base-T(X)
BCS205-2FS	5-port Industrial Ethernet Switch unmanaged 2-port 100Base-FX Singlemode fiber ports 20Km. and 3 TP(RJ45) support 10/100Base-T(X)



Product Descriptions

Introduction:

The BCS205-2F 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 IES205-2F switches easy to use and reliable. These switches have been designed for harsh industrial environments.

BCS205-2F supports 3 TP ports and 2 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