

BCS1024-2F Unmanaged Industrial Ethernet Switch

Ordering information



Model	Descriptions
BCS1024-2FM	22 ports 10/100Base-T(X)+2 ports 100Base-FX, Multi-mode, 2Km, SC/ST, AC/DC85-265V
BCS1024-2FS	22 ports 10/100Base-T(X)+2 ports 100Base-FX, single-mode, 20Km, SC/ST, AC/DC85-265V



Product Descriptions

Introduction:

The BCS1024-2F industrial Ethernet switches Unmanaged consists of 22 Ethernet ports and 2 Fiber ports that provide an economical solution for your industrial Ethernet connection. The IES1024-2F switches have an operating temperature range of -40 to 75°C, and are designed with low consumption and without fan. The rugged hardware design makes the BCS1024-2F perfect for ensuring that your Ethernet equipment can withstand the rigors of industrial applications.

Features:

1. Support IEEE802.3, IEEE802.3u, IEEE 802.3x
2. Store and Forward switching process type
3. Plug-and-play ,auto MDI/MDI-X connection
4. Support 8K MAC address
5. 10/100BaseT(X)(RJ45)
6. Operating temperature range from -40 to 75°C
7. Designed without fan
8. IP30, rugged high-strength metal case
9. 19-inch rack mounting

Product Standard

Specification:

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE 802.3x,
Flow control: IEEE802.3x flow control, back press flow control

Exchange attribute

100M forward speed: 148810pps
100M maximum filter speed: 148810pps
Transmit mode: store and forward
System exchange bandwidth: 12.8G
MAC address table: 8K
Memory: 4M

Interface

Electric port: 10Base-T/100Base-TX auto speed control,
Half/full duplex and MDI/MDI-X auto detect
100M optic fiber port: 100Base-FX, SC/ST/FC connector,
support single mode (20/40/60/80Km optional), multi mode (2Km),
wavelength: 1310nm, 1550nm
Console port: Retain
Alarm port: 2 bit terminal block 1 channel relay alarm output
Load ability: 5A@250VAC

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)
Multi-mode: 1310nm, 2Km
Single-mode: 1310nm, 20/40/60Km 1550nm, 80/100/120Km

Specification

LED indicator
Run indicator: Run
Interface indicator: Link (1~24)
Power supply indicator: PWR
Alarm indicator: Alarm

Power supply

Input Voltage: 100~240VAC
Overload Current Protection: 1.2A
Connection: 3 bit terminal block

Consumption

Unload consumption: 8.2W
Full load consumption: 10.7W

Working environment

Working temperature: -40~75°C
Storage temperature:-40~85°C
Relative Humidity: 5%~95 % (no condensation)

Mechanical Structure

Packaging: IP 30 protection, metal case
Installation: 19-inch racks mount
Dimensions (LxWxH): 441.6mmx208.9mmx45mm

Industry Standard

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

Certification

CE, FCC, RoHS, UL508 (Pending)