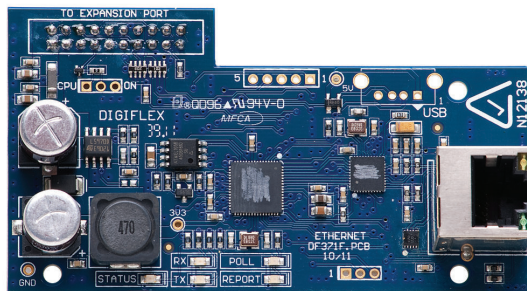


CM751B Solution Conettix IP Ethernet Module

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BOSCH
Invented for life



- ▶ High security (128bit encryption) replacement for PSTN line
- ▶ Remote upload / download over IP and alarm reporting over LAN/WAN
- ▶ Operate outputs and areas remotely
- ▶ Dynamic and fixed IP address support
- ▶ Conettix and CSV-IP reporting formats

The CM751B Solution Conettix IP Ethernet Module allows you to connect the Solution 16i or 144 control panel to the customer's existing IP network. Using only a narrow network bandwidth, IP transmission overcomes the limitations of the digital PSTN dialler approach, and enables supervised alarm signal transmission with virtually no additional communication costs. This makes IP the perfect solution for reducing costs and ensuring more reliable communication at the same time.

Functions

Features like frequency variable polling, end-to-end transmission supervision and advanced 128bit encryption mean the CM751B is also well suited for high security applications. The CM751B allows the control panel to communicate with other devices connected to the IP network such as computers or access control systems, and offer a high security path for transferring alarm signal information to and from the Security Monitoring Centre. Review the panel history log as well as configure the control panel locally over the LAN or remotely over the internet or WAN.

Indicators are provided to show the condition of the local area network and activity to simplify set up and commissioning.

Key Benefits

- Lower costs - No additional cost incurred if an existing IP network is used, saving ongoing call costs.
- High Security – Constant network supervision using frequency variable polling, advanced authentication and encryption support with PSTN dialer backup reporting path.
- High-speed Data Transmission – Enables high-speed reporting and data upload/download.
- Convenience – No annoying interruptions of shared telephone lines and no need for fax bypassing etc. when connecting via modems.
- Low Bandwidth Consumption

Certifications and approvals

| | |
|-----------------------|--------------------------------|
| C-tick Supplier Code: | N12138 |
| CE: | EN 55022:2010, EN 60950-1:2001 |
| Telepermit: | PTC 211/12/017 |

Technical specifications

Power Requirements

| | |
|--------------------|---|
| Operating Voltage: | Supplied by panel – derate the maximum available 12V accessory power from the panel by 60mA when the module is fitted |
|--------------------|---|

Connections

| | |
|----------------------|--|
| Network Interface: | RJ45 Ethernet 10base-t or 100base-TX (Auto Sensing) |
| Protocols Supported: | RP, UDP/IP, TCP/IP, Telnet, ICMP, SNMP, DHCP, BOOTP, TFTP, Auto IP, SMTP, and http SolutionLink Upload / Download Software, Conettix, CSV IP, MyAlarm CID etc |
| Encryption: | 128 bit AES Rijndael |
| Module Connection: | The CM751B mounts to the control panel PWA via the expansion port header and 3 plastic PCB standoffs provided. The HW750 Riser Kit, also included, should be used when the CM751B and CM101B Voice Module are installed on the same panel. |

Environmental Considerations

| | |
|--------------|----------------------------------|
| Temperature: | 0° to 55°C Operating |
| Humidity: | 5% to 85% at 30°C non-condensing |

Enclosure

| | |
|-------------|-------------------------|
| Dimensions: | 93(W) x 52(D) x 30(H)mm |
|-------------|-------------------------|

| | |
|-----------|---------|
| Warranty: | 3 years |
|-----------|---------|

Ordering information

CM751B Solution Conettix IP Ethernet Module
Order number **CM751B**

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