

Network Interface

Q7700 Network Interface Unit



Allows remote monitoring and diagnostics of the BCS 7700 or 7800 SERIES with an IBM®-compatible personal computer.

- Connects with up to six BCS 7700s or 7800 SERIES systems.
- Auto-dialout on BCS 7700 or 7800 SERIES faults up to three telephone numbers.
- Access control, password protection.
- Dialout override for service alarms.
- Internal software clock for date and time stamping of faults.
- Light Emitting Diode (LED) status indication.
- Modular construction. On-line data logging.
- Personal computer interface; user friendly and menu driven.
- Selectable 300 or 1200 baud for ASCII device.
- 9600 baud for local personal computer interface.

Dimensions, Approximate: 9 in wide, 8 in. high, 4 7/8 in deep
(229 mm wide, 203 mm high, 123 mm deep)

Communications: RS485 ControlBus™

Electrical Ratings (Power Supply): 120 Vac

Electrical Connections: 25 D pin connector (local), 9 D pin (remote)

Frequency: 50/60 Hz

Humidity Ratings (% RH): operating: 85% RH continuous

Enclosure: NEMA 1

Weight: 4 lbs, 10 oz (2.1 kg)

Temperature Ratings (ambient): 32 F to 130 F (0 C to 54 C)

Temperature Ratings (Shipping): -30 F to 150 F (-34 C to + 66 C)

Accessories:

200603 Electrical Connectors a-c for BC7700, ST7700, ST7705

Product Number	PC Requirements	Description
Q7700A1014	486 DX2 66 MHz IBM® compatible, 16 MB memory, 50 MB available hard disk space, 2X CD-ROM drive, Super VGA color monitor, 3.5 in. diskette drive, serial port for modem, mouse or touch screen, parallel port for printer, printer, keyboard.	Local and remote monitoring and diagnostics
Q7700B1004	486 DX2 66 MHz IBM® compatible, 16 MB memory, 50 MB available hard disk space, 2X CD-ROM drive, Super VGA color monitor, 3.5 in. diskette drive, serial port for modem, mouse or touch screen, parallel port for printer, printer, keyboard.	Local and remote monitoring and diagnostics

QM4520 Isolated RS-232 to RS-485 Converter Module



Isolated RS-232 to RS-485 Converter Module.

- Accepts RS-232 signal as input (4-wire: TX, RX, RTS, and GND). (Null modem may be required.)
- Outputs RS-485 signal (2-wire).
- Isolation voltage is 500 Vdc.
- Power consumption: 1.2W.
- Mounts on DIN rail, panel or in a 'piggyback' stack.

Dimensions, Approximate: 2 11/32 in. wide, 4 3/32 in. high, 1 3/16 in. deep (60 mm wide, 112 mm high, 30 mm deep)

Communications: RS-485 two wire host; Baud Rates: 1200, 2400, 4800, 9600, and 19200 bps.

Electrical Ratings (Power Supply): Unregulated +10 Vdc to +30 Vdc; protected against power reversal

Humidity Ratings (% RH): 5 to 95% RH, non-condensing

Weight: 6 oz (174 g)

Temperature Ratings (ambient): 32 F to 158 F (0 C to +70 C)

Product Number	Description
QM4520A1004	RS-232 to RS-485 converter