

QS7800A; QS7850 Network Interface ControlBus™ Modules



Allows remote monitoring and diagnostics of the BCS 7700 or 7800 SERIES relay modules.

- Provides local and remote annunciation of 7800 SERIES and BCS 7700 faults.
- Up to six ControlBus™ Modules per Network Interface Unit.
- Modular construction, NEMA 1 rated enclosure.

Dimensions, Approximate: 4 21/32 in. wide, 3 29/32 in. high, 1 in. deep (118 mm wide, 99 mm high, 25 mm deep)

Communications: RS485 ControlBus™

Electrical Ratings (Power Supply): Current Draw: 75 mA

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

Enclosure: NEMA 1

Weight: 8 oz (227 g)

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)

Product Number	PC Requirements	Description	Includes	Used With
QS7800A1001	486 IBM® compatible personal computer and ZM7850A Combustion System Manager Software	Network Interface ControlBus™ Module	200603 ControlBus™ Three-Prong Electrical Connector	RM7800 Series
QS7850A1006	—	General Purpose Interface ControlBus™ Module	200603 ControlBus™ Three-Prong Electrical Connector	—

QS7800B Network Interface ControlBus™ Modules



Allows remote monitoring and diagnostics of multi-dropped 7800 SERIES Relay Modules.

- Up to six ControlBus™ Modules per Network Interface Unit.
- Up to 32 multi-dropped 7800 SERIES subnetworks per module without a RS-485 repeater; up to 61 subnetworks with a repeater.
- Provides local and remote annunciation of 7800 SERIES Relay Module faults.
- Personal computer user interface.
- Modular construction.
- Microsoft Windows™ based Combustion System Manager™ user interface.

Dimensions, Approximate: 4 21/32 in. wide, 3 29/32 in. high, 1 in. deep (118 mm wide, 99 mm high, 25 mm deep)

Communications: RS485 ControlBus™

Electrical Ratings (Power Supply): Current Draw: 75 mA

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

Enclosure: NEMA 1

Weight: 8 oz (227 g)

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)

Product Number	PC Requirements	Description	Includes	Used With
QS7800B1000	486 IBM® compatible personal computer and ZM7850A Combustion System Manager Software	Network Interface ControlBus™ Module	200603 ControlBus™ Three-Prong Electrical Connector	Multi-Dropping 7800 SERIES Relay Modules

ZM7850 Combustion System Manager™ Software

The ZM7850 Operator Interface Software is used to monitor BCS7700 and 7800 SERIES with a personal computer running Microsoft Windows® 3.0 or higher.

- Dynamic graphical monitoring.

- Virtual face plates that simulate burner or boiler face plates.
- Historical and live trending or points.
- Automatic fault annunciation.
- Automatic time-of-day report generation.

Product Number	PC Requirements	Description	Used With
ZM7850A1001	486 IBM® compatible personal computer, DOS 5.0 or later; Windows™ 3.1, 95, or 98, 8 MB RAM and 80 MB available hard disc space	Combustion System Manager Software	BCS7700 and 7800 SERIES Points