



Collaborative Automation
Partner Program



CE Ex UL US Class 1, Division 2,
Groups A, B, C, and D Hazardous
Locations.

'C' Programmable Application Development Module

PTQ-ADM

The PTQ-ADM module is the ideal solution where serial connectivity must be added to the Quantum platform, or where a proprietary algorithm must be protected. Applications using the ADM module include:

- Bar Code Scanner interface
- Legacy ASCII protocol connections
- Terminal Port Emulation
- Printer Driver (Alarm/Status printer)
- Customized Serial Communications

How to Contact Us: Sales and Support

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'C' Programmable Application Development Module

PTQ-ADM

The Application Development Module is a Quantum backplane compatible module that allows user-developed 'C' applications to operate on the Quantum platform. A great way to speed up custom ASCII data communications or to protect a proprietary algorithm, the ADM is a powerful tool for the Quantum platform.

Features and Benefits

The ADM module is a single-slot, backplane compatible solution for the Quantum platform that supports user-developed applications. 'C' code applications are developed using Digital Mars or Borland/Microsoft 16-bit development tools, downloaded to, and then debugged on the module.

The ProTalk module is a powerful platform for the Quantum family of processors. Developed under license from Schneider Electric, the module incorporates proprietary backplane technology that enables powerful data access to the Quantum processor.

General Specifications

- Single Slot - Quantum backplane compatible
- The module is recognized as an Options module and has access to PLC memory for data transfer
- Configuration data is stored in non-volatile memory in the ProTalk module
- Up to six modules can be placed in a rack
- Local rack - The module must be placed in the same rack as processor
- Compatible with common Quantum / Unity programming tools
- Quantum data types supported: 3x, 4x
- High speed data transfer across backplane provides quick data update times
- Sample ladder file available

Hardware Specifications

Specification	Value
Backplane Current Load	800 mA @ 5 V
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Relative Humidity	5% to 95% (non-condensing)

