



 Class 1, Division 2,
Groups A, B, C, and D
Hazardous Locations.



YORK Chiller Master Communication Module

3100-YRK

The 3100 YORK Chiller Master Communication Module is a single slot solution for the Rockwell Automation PLC platforms. By providing configurable access to both ports, this product provides previously unavailable functionality and versatility.

Features and Benefits

- Full backplane support
- BTR/BTW in PLC
- Uses standard Rockwell Automation pgm software
- Simple data table configuration
- RS-232, 422, 485
- Full modem/radio support
- Flash ROM upgradable (PLC)
- Many protocols available

Functional Specifications

- Support for up to 14 York chillers per port
- RS-232 or RS-485 communications (jumper selectable)
- Software configuration (From processor ladder logic)
 - Baud Rate: 1,200 to 38,400
 - Message Response Timeout
 - Number of active slaves: 1 to 15 per port
 - Prioritized Page Polling List: Up to 90 entries
 - Active Slave Table
- Response time

The protocol drivers are written in Assembly and in a compiled higher level language. As such, the interrupt capabilities of the hardware are fully utilized to minimize delays, and to optimize the product's performance

YORK Chiller Master Communication Module 3100-YORK

The YORK Chiller Master Communication Module's setup and operating controls are performed over the backplane through simple ladder logic and data table configuration. The only software necessary is a standard ladder-programming package.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

Asia Pacific

+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa

+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America

+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

Hardware Specifications

Specification	Description
Backplane current load	3100 module for PLC 0.65 A
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)
LED Indicators	Module status Backplane transfer status Serial port TX/RX activity LED Serial port error LED status
Application serial ports	DB-25F3100 module RS-232/422/485 jumper selectable RS-422/485 screw termination included (two per module) RS-232 hardware handshaking (RTS/CTS, DTR) 500V optical isolation from backplane

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

Ordering Information

To order this product, please use the following:

3100-YORK YORK Chiller Master
 Communication Module

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

Distributors:

Place your order by email or fax to:

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orders@prosoft-technology.com,
fax to +1 661.716.5101

Europe

europa@prosoft-technology.com,
fax to +33 (0) 5.61.78.40.52