

Up to 16 digital and 16 analog inputs, individually mapped

Up to eight control (relay) outputs

IED gateway expansion

The OpEn Connect™ NTU-7575, with powerful new features and communications options, is a flexible control and data collection solution for pole-top and substation integration applications. The NTU-7575 improves on our reputable MPR-7075, while maintaining a nearly identical form factor.

This compact unit provides conventional RTU I/O as well as serial ports that support DNP 3 and non-proprietary and legacy protocols. Optional interface modules expand I/O and enable IED communications. Virtual RTU

technology gives you the power to assemble multiple databases from the available data points. For example, you can have independent Virtual RTUs for real-time data, IED configuration and maintenance. On-site setup is quick and easy with the Windows®-based configuration program.

The NTU-7575 is backed by a rigorous quality assurance program and the best customer support in the industry. Contact your Advanced Control Systems representative for more information.

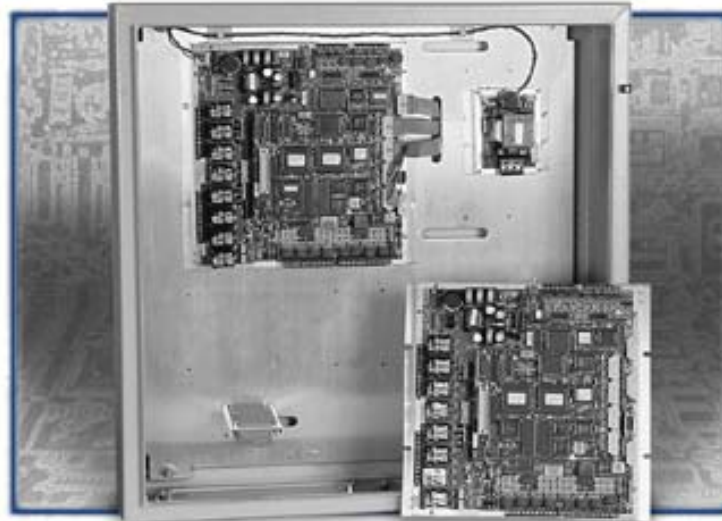
## OpEn Connect™ NTU-7575 Network Terminal Unit

AC input facilitates switch automation

Virtual RTU™ database mapping

ACS, DNP or Modbus protocols

More information at [www.acsatlanta.com](http://www.acsatlanta.com)



*NTU-7575 in standard configuration and mounted in optional cabinet*



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## Basic NTU-7575

### Serial ports

Two RS-232 master gateways;  
300 to 115.2k baud (selectable)

One RS-232 maintenance channel

### Binary inputs

Eight, user-definable as binary, SOE,  
Form A or Form C (in pairs) counters

### Analog inputs

Eight  $\pm 1$  mA, optionally configured  
as  $\pm 5$  VDC; 4–20 mA; 5–50 mA

### Control outputs

Eight relays; 10 A, 277 VAC/3A, 32 VDC

### Input voltage

12 VDC, IEEE SWC protected

### Operating temperature

0°C to 60°C (32°F to 140°F)

Humidity: 10% to 90% non-condensing

### Dimensions

277 mm x 290 mm x 64 mm  
(10.8" x 11.3 x 2.5")

### Configuration software

Windows 98SE/2000/ME/XP-compatible;  
remote or local operation; file upload/  
download capability; Virtual PLC™  
programming

## Options

### I/O expansion

#### Serial interface

Two RS-232 IED gateway ports

#### AC analog input

3 channels, 0–10 A; 3 channels, 0–150 VAC

### Binary inputs

Eight, user-definable as binary, SOE,  
Form A or Form C (in pairs) counters

### Analog inputs

Eight  $\pm 1$  mA, optionally configured  
as  $\pm 5$  VDC; 4–20 mA; 5–50 mA

### Control outputs

Eight momentary relays  
(10 A, 277 VAC/3A, 32 VDC )

## Power supply

### External power supply

115/220 VAC; 24, 48 or 130 VDC;  
2-hour battery backup (115/220 VAC  
power supply only)

## Other

### Enclosure

A variety of enclosures are available;  
inquire for details

### Heater

Internal heater, thermostatically con-  
trolled, for operation to  $-30^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$ )

### RS-232 to RS-485 converter

One per IED or master gateway port

### Isolated RS-232 output

One per IED or master gateway port

### Modem

### IRIG-B time code reader

### GPS clock

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