



NETWORK SYSTEMS CU Series Network Controllers



Communication hub for JTL network systems with 64 to 160 networked devices.

- Suitable for up to 160 networked devices
- Supports 2 to 5 JTL communication zones
- Maintains alarm and event log database
- User defineable security settings
- Battery supported real time clock
- Modem communications port
- 2 terminal communications ports
- Set up parameters maintained for restart



Product Data

Product Description

The CU range of products form the communications hub for network installations of 64 to 160 control and/or monitor devices.

The network controller gathers and broadcasts information by polling each networked device in turn.

Alarms

Alarms can be communicated via the network controller to an on-site alarm annunciator, local PC, dial-out relay and/or an off-site alarm central station.

Datalogging

The CU provides short term time stamped alarm and event logs, along with a database of unit parameters and measured values.

By permanently connecting a dedicated SiteSuite PC the data storage capacity is increased significantly (typically up to 5 years data can be archived on site)

Software Tools

The network controller provides the gateway both on-site and remotely when using JTL SiteEngineer software. This provides access to the network controller's database and to each networked device.

The SiteSuite PC delivers a range of software applications from day to day alarm/data management tools to full system diagnostics. The SiteSuite PC's database can also be accessed remotely affording full off-site system management.

Hardware

Alarm display drives	1
Modem communications ports	1
Terminal communications ports	2
JTL zone communications ports	2, 4 or 5
Number of JTL units supported	64, 128 or 160
Voltage free contact outputs	1
Alarm log memory event capacity	115 events

Technical Specification

Output 1	Watchdog/dial-out
Relay output rating	5 A resistive (230 V max)
Modem port	RS232 DTE (25-way)
Terminal ports	RS232 DCE (25-way)
Terminal communications protocol	JTL Outstation protocol
Communications ports	RS485 2 wire
Communications protocol	JTL Jnet zone protocol
Unit dimensions boxed (H x W x D)	500 x 500 x 210 mm
Unit weight boxed	23 kg
Power supply (standard)	230 V 48-62 Hz

Ordering Information

CU2-M	2 zone (64 units)
CU4-M	4 zone (128 units)
CU5-M	5 zone (160 units)



This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.

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