



techsystem

automatyka klimatyzacja wentylacja

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Network Control Module



NCM200 (installs into base frame)



Standalone NCM300

Description

The Network Control Module (NCM) is the main processor in the NCU. Fully user-programmable, it is responsible for supervisory control activities for the points and control loops connected to the NCU and all NEUs and application specific controllers with which it communicates on its local buses.

You choose your NCM's configuration, whether as a standalone controller, a node on

the N1 LAN working in concert with other NCMs, or as a connectivity device. In this connectivity application, the NCM can bring other, non-Johnson Controls systems under Metasys control or interface Metasys to a host system. The battery-backed memory of the NCM stores application programs, user data bases, and point histories. The NCM includes features to coordinate system-wide efficiency, keeping you informed and in control while ensuring occupant safety and comfort.

The NCM comes in two different packages: a plug-in module or a standalone unit. As a module, it plugs into either a 1-slot, 2-slot, or 5-slot base frame mounted in an enclosure. As a standalone unit, the NCM mounts directly into an enclosure. Both NCMs support ASCs and NEUs.

Features

- fast, efficient communication between other NCMs and the Operator Workstation to provide for point sharing and building-wide interlocks
- modular design that provides for easy and quick installation
- battery-backed memory that saves the NCM's programming in case of power outage
- collects and stores data on historical trends, equipment runtime, and energy consumption, making this information immediately accessible to an operator at the workstation
- LED indicators on front of panel supply evidence of the module's condition and help determine if the module is functioning properly
- NCM200/300 can support connection to an ARCNET N1 LAN
- NCM350 can support connection to an ETHERNET N1 LAN

To Order

Contact your local Johnson Controls Representative.

Accessories

Code Number	Description
NCM200	
NU-NIM206-1	Network Identity Module 206
NU-L2B101-0	L2 Submodule
NU-COM101-0	RS-232 Submodule
NU-PWR101-0	Power Supply Module
NU-BAT101-0	Battery Submodule
NU-CBL101-0	RS-232 Cable 35 ft., DB25 (right angle with narrow profile)
MHK-101-0	Male Hood Kit for NU-CBL101-0, DB25
FHK-101-0	Female Hood Kit for NU-CBL101-0, DB25
NU-MDM-101-0	JCI Modem Submodule
NCM300/350	
NU-NET101-0	N1 ARCNET LAN Card for NCM300/350
NU-NET301-0	N1 ETHERNET LAN Card for NCM350
MM-CVT101-0	RS-232 to RS-485 Converter
NCM200 and NCM300/350	
TTM101-0	Table Top Modem (JCI Proprietary Line)
TTM102-0	Table Top Modem (Leased Line)
TTM103-0	Table Top Modem (JC/LINK Generic Bridge)

Selection Chart

Code Number	Description
NU-NCM201-1	Network Control Module 200
NU-NCM300-1	Network Control Module 300
NU-NCM350-1	Network Control Module 350
NU-NCM350-8	Network Control Module 350 with 8 MEG Memory

Repair Parts

Code Number	Description
NCM200 and NCM300	
NU-NCM201-701	Repair part for NCM200
NU-NCM300-701	Repair part for NCM300
NU-NCM350-701	Repair part for NCM350-1
NU-NCM350-708	Repair part for NCM350-8
NU-PWR300-0	Replacement Power Supply, NCM300/350
NU-BAT300-0	Replacement Battery Pack, NCM300/350

Network Control Module (Continued)

Specifications

	NCM200	NCM300/350
Power Requirements	85-264 VAC at 50/60 Hz	90 to 240 VAC, 670 to 250 mA, 50/60 Hz
Power Consumption	Power is from the power module (NU-PWR101-0)	60 VA (maximum), 25 VA (typical) at 50/60 Hz
Memory Options	4 Mb standard	2 Mb standard (4, 6, or 10 Mb optional); 8 Mb standard with NCM350-8
Dimensions	14 in. H x 2.25 in. W x 7.0 in. D (35.5 x 5.7 x 17.8 cm)	12.4 in. H x 6.0 in. W x 5.5 in. D (32 x 15 x 14 cm)
Shipping Weight	5 lb (2.25 kg)	4.2 lb (1.9 kg)
Ambient Operating Conditions	32 to 122°F (0 to 50°C) 10 to 90% RH	32 to 122°F (0 to 50°C) 10 to 90% RH
Ambient Storage Conditions	-40 to 158°F (-40 to 70°C) 5 to 95% RH	32 to 122°F (0 to 50°C) 10 to 90% RH
Agency Compliance	FCC Part 15 Class A	FCC Part 15 Class A
Agency Listing	UL 916 Listed CSA C22.2 No. 205 Certified UL-864	UL 916 Listed CSA C22.2 Certified Meets EMC directive 89/336/EEC UL 864 Listing in process CUL 527 Listing in process