



**CA2-DNMALL-41**



## DeviceNet™ Master Module

***This communication module adds DeviceNet™ Master capabilities to a GLC2000 unit, and uses IEC 61131-3 compliant ladder logic to control I/O***

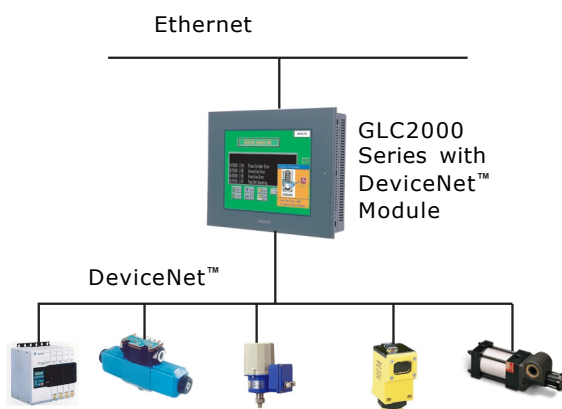
The DeviceNet™ Master Module is a cost-effective way to control a DeviceNet™ network. The GLC is a low-cost controller and HMI all-in-one box solution. By adding the Master Module to a GLC2000 Series unit, you get a popular distributed I/O architecture that will add functionality and enhanced performance. Now you can put your controller (with touch screen) in a convenient location, and take up less space in your cabinet. One device to mount means quicker installation time. One software package programs both the screen graphics and ladder logic, thus saving time. Also, reduce application development errors by using drag-and-drop variable names from the logic editor to screen graphics.

### FEATURES

- Compatible with all GLC2000 models
- Mounts on back of HMI unit
- LED indicators for Network Status
- Easy to Configure - no software needed
- Ideal for Distributed I/O Applications
- Communication Types Supported:
  - Polled
  - Strobed
  - Change of state
  - Cyclic
- DeviceNet™ Conformance Tested
- Electronic Data Sheet support and sharing
- Supports 63 DeviceNet™ nodes:
  - Each node can have 48 words or bits
  - Up to 1008 words or bits max per node

### NETWORK DIAGRAM

**Use a GLC Unit to provide an Ethernet interface to your DeviceNet™ network**



### GRAPHIC LOGIC CONTROLLER COMPATIBILITY

**Can be added to the following units:**

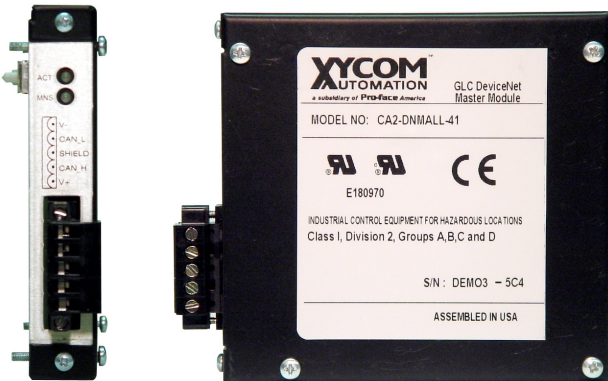
- ⇒ GLC2300-LG41-24V
- ⇒ GLC2300-TC41-24V
- ⇒ GLC2400-TC41-24V
- ⇒ GLC2500-TC41-24V
- ⇒ GLC2600-TC41-24V



# DEVICENET™ SPECIFICATIONS

Electrical	Voltage Requirement	24VDC (supplied by DeviceNet network)
	Power Requirement	3.3 Watts (2W from GLC, 1.3W from DeviceNet network)
	Power Consumption	20W or less
	Combined Module/Network Status	LED
	System Activity	LED
Environmental	Run/Stop	LED
	Ambient Operating Temp.	0°C to 50°C
	Storage Temperature	-20°C to 60°C
	Operating Humidity	20%RH to 85%RH (non-condensing)
	Storage Humidity	20%RH to 85%RH (non-condensing)
	Shock	15g, 1/2 sine, 11 ms
DeviceNet	Vibration Resistance	IEC61131-2 compliant. (.006 inch) peak to peak displacement, 1.0g maximum acceleration
	Baud Rate	125 Kbaud, 250 Kbaud, 500 Kbaud software selectable
	MAC ID Range	0-63
	Maximum Trunk Distance	500m (Supports up to 63 nodes and up to 48 words or bits on each (to a max. of 1008 words or bits))
Structural	Ratings	NEMA Type 4x/12/13
	Certifications	CE Marking (EN55022, Class A, EN61000-6-2), UL 508, UL1604, Class 1, Div. 2, Groups A, B, C and D, cUL - C22.2, No. 142 and 213, Class 1, Div. 2, Groups A, B, C and D
	External Dimensions	W207mm[8.15in.] x H157mm [6.18in.] x D75.8mm [2.98in.]
	Weight	1.5kg (3.3lb)

## PRODUCT VIEW



## SOFTWARE COMPATIBILITY



**Powered by:**  
**GP-PRO/PB III C**  
**Package03 HMI Screen**  
**Editor Development**  
**Software**

## ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION
CA2-DNMALL-41	DeviceNet™ Master Module for GLC2000 Series

Xycom Automation, Inc.  
 a Pro-face America Company  
 734-429-4971  
 Fax: 734-429-1010  
<http://www.xycom.com>

**Customer Support Hotline:**  
**734-944-0482**

