

# LT Series Type-D

**NEW!**

DeviceNet™ Master

DS-380020(A)



The LogiTouch Type-D is a cost-effective way to control a DeviceNet network. It is a Human Machine Interface (HMI) and PLC all in one. Control I/O using IEC 61131-3 compliant ladder logic with DeviceNet master capabilities of the LT Type-D unit.



## FEATURES

- 5.7" flat panel (320 x 240) blue-and-white monochrome display
- All-in-one HMI and Control
- Touchscreen (allows 1 or 2 point touch)
- Supports multiple language fonts
  - ◆ ASCII (including European fonts)
  - ◆ Simplified Chinese
  - ◆ Japanese
  - ◆ Korean
  - ◆ Taiwanese
- Supports the following connection types:
  - ◆ Polled
  - ◆ Bit-Strobe
  - ◆ Change of state
  - ◆ Cyclic
- Supports up to 63 nodes and up to 48 words or bits on each
- Easy to configure. Does not require 3rd party configuration utility. Editor will import EDS (Electronic Data Sheet) file information.
- IEC 61131-3 Compliant ladder logic
- Single Database for Control and HMI, supports drag-and-drop of variable names
- Supports on-line monitoring of logic

## Overview

The LogiTouch is a controller and HMI all in one that won't break your machine's "control budget."

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 so you save time. You can even drag-and-drop variable names from one to the other, which can avoid "fat finger" mistakes.

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## Why DeviceNet?

1. Hundreds of vendors have I/O available.
2. Established.
3. Fast, easy installation - resulting in space and time savings.
4. Future-ready, for easy additions as your needs expand and change.
5. Improved uptime through intelligent insight into device operations.
6. Efficient bandwidth utilization through producer consumer communications.

See [www.odva.org](http://www.odva.org) for more information.



# PRODUCT SPECIFICATIONS AND RATINGS

## Environmental

	Operating	Non-operating
<b>Thermal</b>	0° C to 50° C (32° to 122° F)	-20° C to 60° C (-4° to 140° F)
<b>Humidity</b>	20% to 85% RH, noncondensing	20% to 85% RH, non-condensing
<b>Shock</b>	15g, ½ sine, 11 ms	N/A
<b>Vibration</b> IEC61131-2 Compliant	<b>When vibration is NOT continuous:</b> 10H35mm) pk-pk, 57 Hz to 150Hz, 0.5g <b>When vibration is continuous:</b> 10Hz to 57Hz 0.0014" (0.035mm) pk-pk, 57Hz to 150Hz, 0.5g	N/A
<b>Front Panel</b>	NEMA 4X/12/13	

## Electrical

<b>Voltage Requirement</b>	24V DC (20.4 V to 28.8V)*
<b>Power Requirement</b>	20 Watts maximum
<b>Combined Module/ Network Status</b>	LED
<b>System Activity</b>	LED
<b>Run/Stop</b>	LED

\* Needs separate power supply isolated from the DeviceNet supply

## Other Specifications

<b>Regulatory Compliance:</b>	CE Mark	EN 55022, Class A; EN 61000-6-2
<b>Safety Agency Approvals:</b>	UL	UL508, UL1604-Class 1, Division 2, Groups A, B, C, and D
	cUL	C22.2, No. 142; C22.2, No. 213, Class 1, Division 2, Groups A, B, C, and D

## DeviceNet

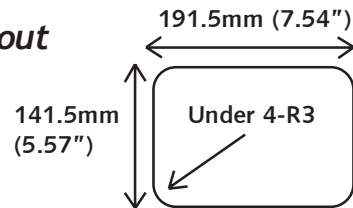
<b>Baud Rate</b>	125 Kbaud, 250 Kbaud, 500 Kbaud Software selectable
<b>MAC ID Range</b>	0 - 63
<b>Maximum Trunk Distance</b>	500m

Supports up to 63 nodes and up to 48 words or bits on each (to a maximum of 1008 words or bits).

## LogiTouch Unit Mechanical Specifications

<b>Height</b>	6.18" (157mm)
<b>Width</b>	8.15" (207mm)
<b>Depth</b>	2.98" (75.8mm)
<b>Weight</b>	3.3lbs (1.5kg)

## Panel Cutout



## ORDERING INFORMATION

**Order Number: GLC150-BG41-DNM-24V**

Xycom Automation, Inc.  
750 North Maple Rd.  
Saline, MI 48176-1292  
Phone: 734-429-4971  
Fax: 734-429-1010  
<http://www.xycom.com>



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# California Proposition 65 Warning—Lead and Lead Compounds

## Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

## Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

**⚠ WARNING:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ AVERTISSEMENT:** Ce produit peut vous exposer à des agents chimiques, y compris plomb et composés de plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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