

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 for more information.



PRODUCT SPECIFICATIONS AND RATINGS

Environmental

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

Electrical

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

* Needs separate power supply isolated from the DeviceNet supply

Other Specifications

Regulatory Compliance:	CE Mark	EN 55022, Class A; EN 61000-6-2
Safety Agency Approvals:	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

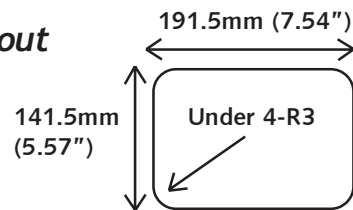
Baud Rate	125 Kbaud, 250 Kbaud, 500 Kbaud Software selectable
MAC ID Range	0 - 63
Maximum Trunk Distance	500m

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

LogiTouch Unit Mechanical Specifications

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

Panel Cutout



ORDERING INFORMATION

Order Number: GLC150-BG41-DNM-24V

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