The Digital Logic Station (DLS) shown in Figure 1 is a pushbutton and indicator station to be used as operation I/O to the Logic Master Module on NETWORK 90® equipment. It provides 8 switch inputs, 16 LED outputs, and LED status indicators on its front panel. The Digita Logic Station communicates with the Logi Master Module through a Digital Slave Module (NDM01) and the Termination Unit (NTU01).

Up to eight Digital Logic Stations may be connected to a single Digital Slave Module.

The Digital Logic Station may be mounted in its own mounting box. Its cables are connected to a Termination Unit on the PCU, which in turn is connected to the associated Digital Slave Module.

Each Digital Logic Station on (DLS) Interfaces with one group of eight input points and two groups of eight output points of a Logic Master Module. This means one DLS will occupy three of the I/O groups. The input pushbuttons and output LEDs are arranged as shown in Figure 1. The sixteen outputs drive LED indicators on the

DIGITAL LOGIC STATION

FIGURE 1 Digital Logic Station.

DIGITAL LOGIC STATION

FIGURE 1 Digital Logic Station.

Features

- Complete operability on one stat on
- 8 digital switch inputs for digital logic applications
- LED status indicator
Specifications

System Interface
- Direct connection (NKDS01 or NKDS04) to the Data /O Save Module (NDSM01) through the Logic Station
- Terminals on Terminal Unit (NTLS01)

Displays and Controls
- 8 pushbutton switches
- 16 LEDs and LED status indicator

Power
- 24 V dc at 0.19 A (4.6 watts) nominal
- 0.28 A (7.5 watts) maximum

Pin Connections
- Pn 2 +24 V dc Power
- Pn 3 Common
- Pn 4 D0 Pn 10 A0
- Pn 5 D1 Pn 11 A1
- Pn 6 D2 Pn 12 A2
- Pn 7 D3 Pn 13 A3
- Pn 8 D4 Pn 14 A4
- Pn 9 D5 Pn 15 RE
- Pn 10 D6 Pn 16 WE
- Pn 11 D7 Pn 17 DE

Physical Aspects:
- Size: Face plate 72 mm by 144 mm
- Mounting: Standard mounting as part of panel board instrumentation
- Markings: Standard engraving for legend control and display features

Certification
- CSA Certified as process control equipment for use in ordinary (non-hazardous) occupancies

Environmental Specifications
- Standard environmental specifications for the system are applicable (reference CE93 900) subject to mounting and optional requirements

FIGURE 2 Digital Logic Station Interfacing (Logic Master Module)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Bailey Controls, Wickliffe, Ohio 44092
Bailey Controls Australia Pty Ltd., Regents Park NSW Australia
Bailey do Brasil, Sao Paulo, Brazil
Bailey Japan Company, Ltd. Shizuoka Ken Japan
Representatives in Other Principal Cities