

Bailey network 90[®]

Digital Indicator Station

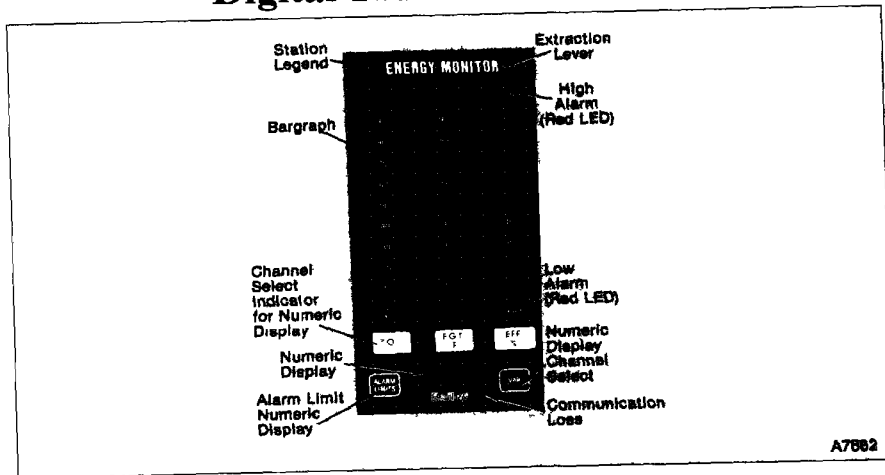


FIGURE 1 Digital Indicator Station.

The Digital Indicator Station (DIS) shown in Figure 1 provides simultaneous bargraph displays of three analog signals in a NETWORK 90[®] system configuration. A shared numeric readout provides greater resolution of any of the analog signals.

The variables to be displayed on the DIS are selected by configuring the indicator station block in the Controller Module. This block is then configured to reference analog exception report blocks which can reference any point in a NETWORK 90 system. The Controller Module updates the DIS point values twice a second over the serial link in the cable.

The Digital Indicator Station is panel mounted in its own mounting box. Its cable is connected to a Termination Unit in the PCU which in turn sends cable connected to the associated Controller Module. Up to four stations can be driven by one Controller Module.

The mounting arrangements for the Digital Indicator Station for both single and multiple stations are similar to those for the Digital Control Station.

Figure 2 illustrates typical interconnections between the Digital Indicator Station, Termination Unit and the Module Mounting Unit.

Features

- Individual LED bargraphs for simultaneous displaying of three analog signals
- Alarms: Indication of high and low alarms for each variable
- Shared numeric display for any of the three analog signals

Bailey Controls

Product Specification

E93-904-2

Specifications

- No cabinet wiring required plug in cable connection
- Standard 72 x 144 mm DIN panel mounting
- Multiple station capability
- Display brightness option

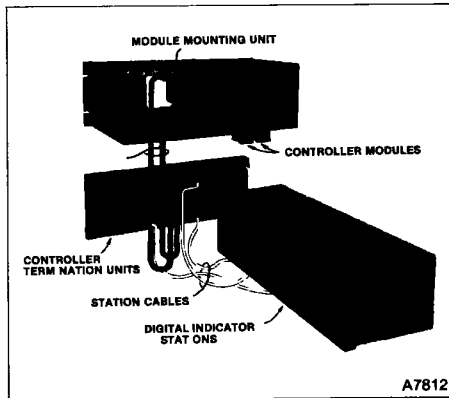


FIGURE 2 *Digital Indicator Station Interfacing (Controller Modules)*

System Interface	Direct cable connection (NKDS01 or NKDS02) to the Controller Module (NCOM01) thru the Controller Termination Unit (NTCS01)
Displays	Three (3) analog bargraph displays and shared numeric readout LED indication of high and low alarm status loss of communication and numeric display channel indicator Display brightness option
Power Requirements	24 V dc at 0.325 A (7.8 watts) nominal and at 0.387 A (9.3 watts) maximum
Pin Connections	Pin 1 - Serial Link Pin A - Serial Link + Pin 2 - +24 V dc Power Pin 3 - Circuit Common All Other Pins - No Connect on
Physical Aspects:	
Size	Faceplate 72 mm by 144 mm
Mounting	Standard mounting as part of panel instrumentation
Markings	Standard engraving for legend control and display features
Certification	CSA certified as process control equipment for use in ordinary (non hazardous) locations
Environmental Specifications	Standard environmental specifications for the system are applicable (reference CE93 900) subject to mounting and option restrictions

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Bailey Controls, Wickliffe Ohio 44092, [REDACTED]

Bailey Controls Australia Pty Ltd, Regents Park, N S W Australia
Bailey do Brasil, Sao Paulo, Brazil

Bailey Controls, [REDACTED]
Bailey Japan Company Ltd, Shizuoka Ken, Japan
Representatives in Other Principal Cities [REDACTED]