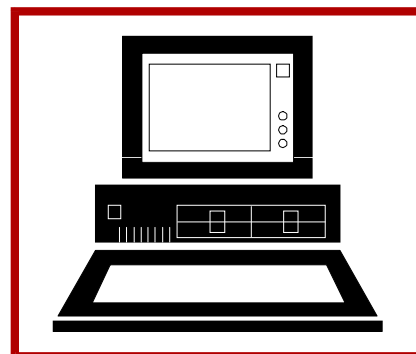
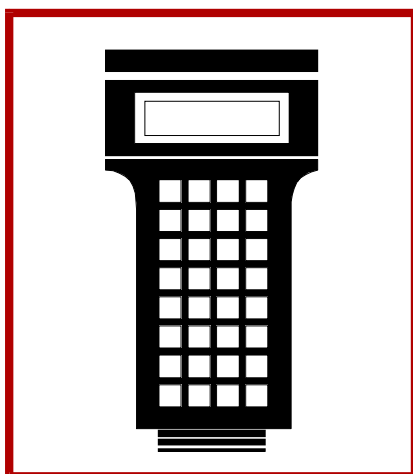
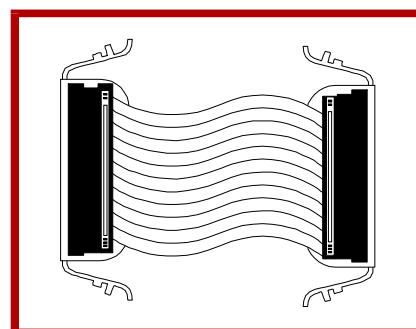
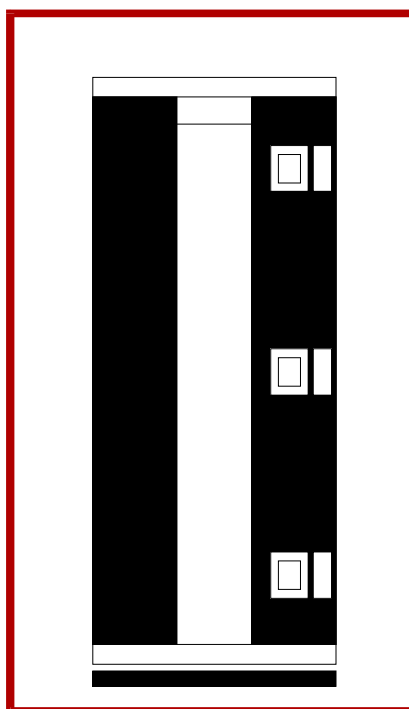
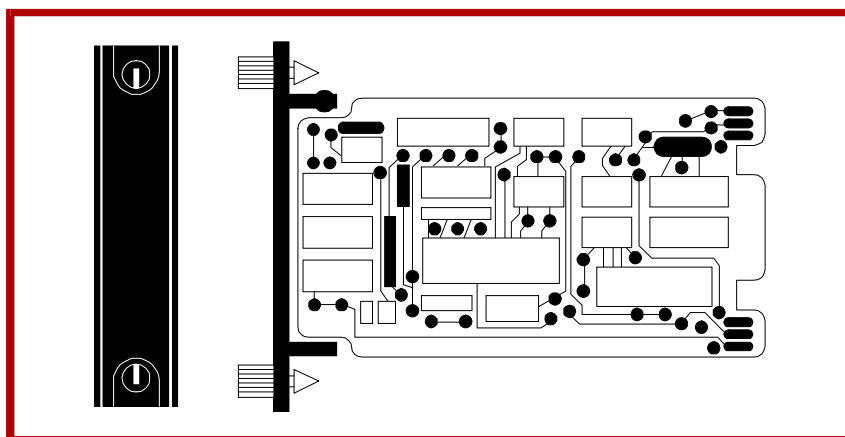
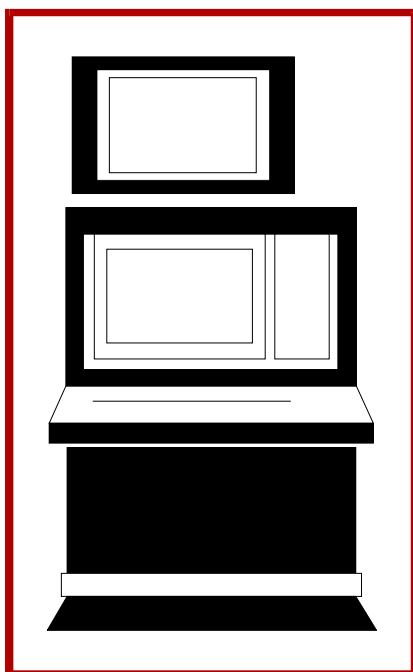


E96-412

Bailey®
infi 90

Instruction

Digital Station Termination Module (NIDS01)



Preface

Termination modules provide an input connection from the plant equipment to the INFI 90[®] process modules. The NIDS01 Digital Station Termination (IDS) Module terminates IISAC01 Analog Control Stations, NDCS03 Digital Control Stations and NDIS01 Digital Indicator Stations. This product instruction explains how to install and use the IDS module.

[®] Registered trademark of Elsasg Bailey Process Automation.

Table 1-3. Nomenclature (continued)

Nomenclature	Hardware/Description
NKTD11	Station termination cable (non-PVC).
NTMU01	Termination mounting unit, rear mounting.
NTMU02	Termination mounting unit, front mounting.
258436A1	Cable retaining kit used when at least one round cable is connected to the termination mounting unit.
6634408A2 (supplied with NIDS01 termi- nation module)	Ribbon cable from J1 connector of NIDS01 module to J1 connector of NICS01 module.

SPECIFICATIONS

Refer to Table 1-4 for the specifications of the NIDS01 termination module.

Table 1-4. Specifications

Property	Characteristic/Value
Power Requirements	+24 VDC from the 24 VDC bus bar of the termination mounting unit.
Outputs	The outputs of this termination unit are used by stations to control electric drive devices. Raise and lower signals manually raise and lower the electric drive. Power and common signals come from the electric drive and provide power for an external relay or device. The outputs of these terminals are 0 VDC (manual mode) and 24 VDC (automatic mode).
Mounting	Occupies one slot in a standard INFI 90 termination mounting unit.
Environmental:	
Ambient Temperature	0° to 70°C (32° to 158°F).
Relative Humidity	0% to 95% up to 55°C (131°F) (noncondensing).
Air Quality	0% to 45% up to 70°C (158°F) (noncondensing).
	Noncorrosive.
Certification	CSA certified for use as process control equipment in an ordinary (nonhazardous) location.

Specifications subject to change without notice.