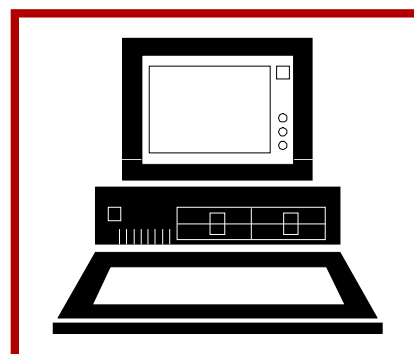
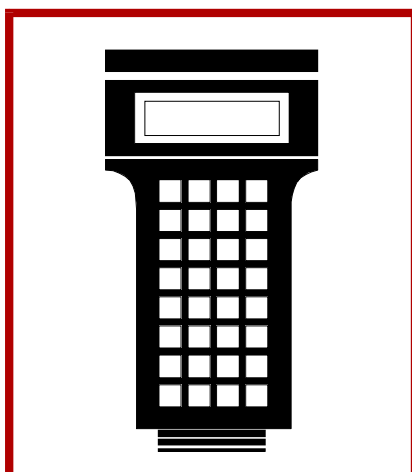
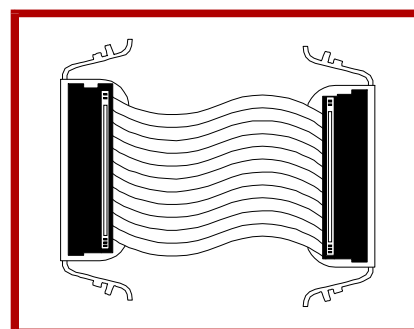
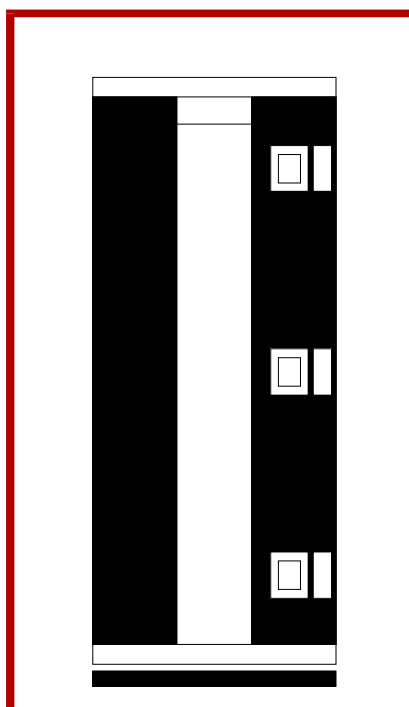
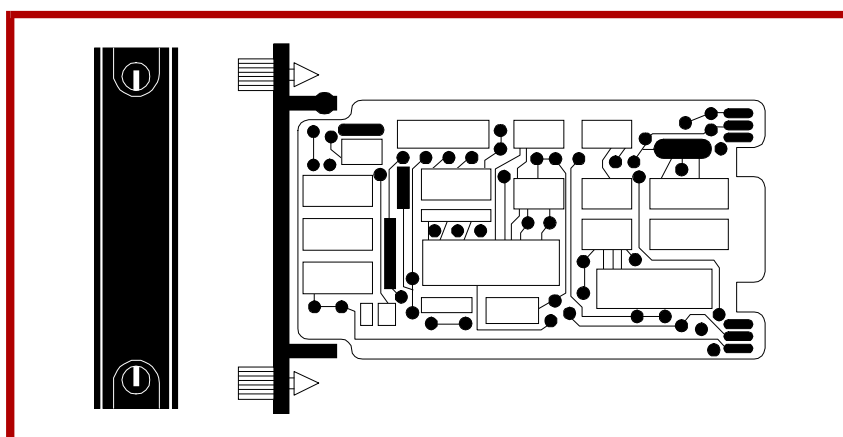
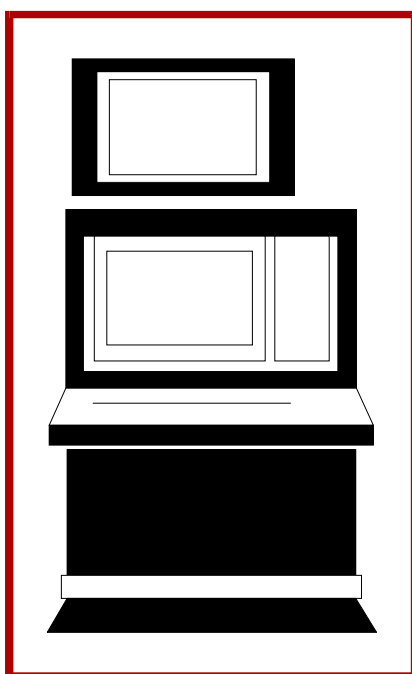


E96-413

Bailey®
infi 90

Instruction

Multi-Function Controller Termination Modules (NIMF01 and NIMF02)



NOMENCLATURE

Table 1-3 is a list of related hardware. Hardware and cables with part numbers are listed in Table 1-4.

Table 1-3. Nomenclature

Nomenclature	Hardware
HCBL01	RS-232-C Cable
IISAC01	Analog control station
IMMFC03 IMMFC04 IMMFC05	Multi-function controller module
INICT01	INFI-NET to computer transfer module
NPCT01	Plant Loop to computer transfer module
INPPT01	Plant Loop to plant loop transfer module
NDCS03	Digital control station
NICS01	Control/station termination module
NIDS01	Digital station termination module
NKTM01	Termination module cable (ribbon)
NKTU02	Termination module cable (PVC)
NKTU12	Termination module cable (non-PVC)
NTMU01	Termination mounting unit (rear mount)
NTMU02	Termination mounting unit (front mount)

SPECIFICATIONS

Refer to Table 1-4 for the specifications of the NIMF01 and NIMF02 termination modules.

Table 1-4. Specifications

Property	Characteristic/Value
Power Requirements	+24 VDC 160 mA current consumption, maximum (the LED consumes 10 mA)
Communication	2 RS-232-C ports 1 serial link for stations
Cable Insulation Specifications PVC (UL Rating CL2) Non-PVC (UL Rating PLTC)	80°C (176°F) at 300 V 90°C (194°F) at 300 V

Table 1-4. Specifications (continued)

Property	Characteristic/Value
Mounting	Slides into a single slot in the termination mounting unit.
Electromagnetic Radio Frequency Interference	Values are not available at this time. Keep cabinet doors closed. Do not use communication equipment any closer than 2 meters from the cabinet.
Cooling Requirements	No cooling necessary when used in Bailey Controls cabinets and operated within stated environmental limits.
Operating Temperature	0°C to 70°C (32°F to 158°F)
Relative Humidity	5% to 90% up to 55°C (131°F) (noncondensing)
	5% to 90% up to 70°C (158°F) (noncondensing)
Altitude	Sea level to 3 km (1.86 mi)
Air Quality	Bailey Controls equipment should be operated and stored in a noncorrosive environment.
Certification	All termination modules are CSA certified as process control equipment for use in an ordinary (nonhazardous) location.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.