

Bailey Controls

NIPL01

Termination Module, Plant Loop

Purpose

This Termination Module provides two way access between the Loop Interface Module and the Plant Communication Loop that also provides electrical isolation on surge protection and bypass capability.

Description

This Termination Module is shown in Figure 1.

Installation

Please refer to the Termination Module and Cable installation section of this manual for complete instructions on installing this Termination Module.

Cable Installation Procedure

The Termination Module Cable (NKTM01) a 30 conductor ribbon cable connects the Termination Module to the Loop Interface Module. Connect the cable to the P1 connector on the Termination Module and the Loop Interface Module slot on the back of the Module Mounting Unit. Install this cable on the Module Mounting Unit BEFORE inserting the Loop Interface Module.

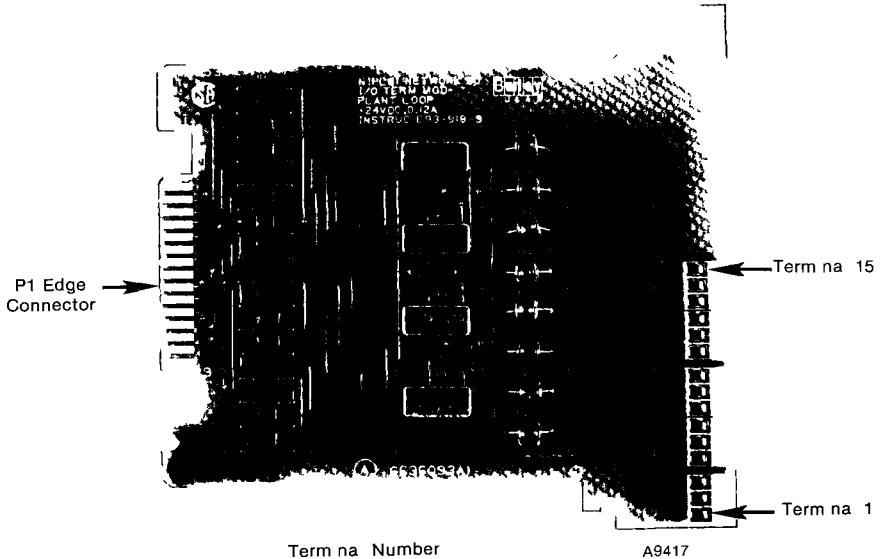
TABLE 1 NIPL01 Application Summary

INTERFACES TO	CONNECTING CABLE	APPLICATION
Loop Interface Module NL M02	NKTM01	Termination point for messages to/from the Plant Loop
Plant Loop	NKPL01	Connects Node to Plant Loop

WARNING: Replicating the NIPL01 with the NICL01 requires replicating the NKTM01 cable with the NKLS04 cable. Failure to replace the cable will result in damage to the NL M02. Use caution when making a connection with the NKLS04. The cable end marked J1 connects to the NICL01 and the cable end marked J2 connects to the NL M02. Failure to correctly connect the NKLS04 cable can damage the NL M02 or NICL01.

AVERTISSEMENT: Lorsqu'on remplace le NIPL01 par le NICL01, on doit également remplacer le câble NKTM01 par le câble NKLS04. Sinon, le risque de remplacer le câble de NL M02 pourra être endommagé. Au moment de brancher le NKLS04, assurez-vous de raccorder l'extrémité du câble identifiée par J1 au NICL01 et l'extrémité identifiée par J2 au NL M02. Si le câble n'est pas branché correctement, le NLIM02 ou le NICL01 pourra être endommagé.

NIPL01

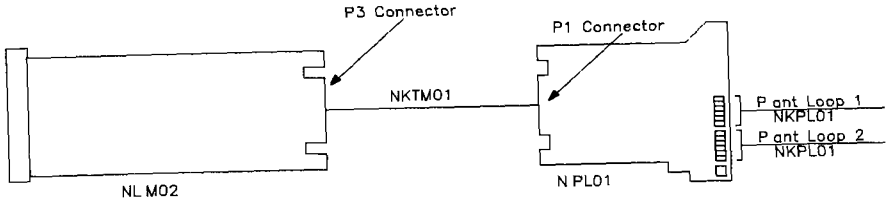


Term na Number

A9417

1		Ground
2		Common
3		+24 V dc
4		Loop 2 Sh e d
5		Loop 2 Out,
6		Loop 2 Out. +
7		Loop 2. Sh e d
8		Loop 2 n
9		Loop 2 n. +
10		Loop 1. Sh e d
11		Loop 1 Out
12		Loop 1 Out. +
13		Loop 1 Sh e d
14		Loop 1 n
15		Loop 1 n. +

FIGURE 1 NIPL01 Termination Module and Terminal Assignments



TP85134

FIGURE 2 Cable Connections for the NIPL01

