



DeviceNet Applications

Addendum to TD.08H.23.T.E and TD.08H.35.T.E

Preliminary

Summary

These changes are applicable to DeviceNet Application software versions cha030bd and cha015ee, or later, used with option board software smmb005e and smbp020e, or later, released in January 2003.

Revisions include:

- Addition of monitoring menu items V25, V26, V27 and V28
- Addition of parameter group (Group 11 in DeviceNet application, Group 13 in DeviceNet Closed Loop application)

These changes enable the user to select monitoring variables.

Changes/Additions to Monitoring Menu

Table 8 Monitoring Data

Code	Signal Name	Unit	Description
V25	Mac ID	Integer	DeviceNet communications address
V26	DNet Baud Rate	Integer	0 = 125 Kbaud 1 = 250 Kbaud 2 = 500 Kbaud
V27	DNet Output Assembly	Integer	Dnet IO Polling Output Assembly
V28	DNet Input Assembly	Integer	Dnet IO Polling Input Assembly

Additions to Parameters

DeviceNet Parameters

Code		Parameter	Range	Step	Default	Custom	Description
Std. ¹	CL ¹						
11.1	13.1	IO Poll Word 1	0—22	1	2		Monitoring variable selection 1
11.2	13.2	IO Poll Word 2	0—22	1	3		Monitoring variable selection 2
11.3	13.3	IO Poll Word 3	0—22	1	4		Monitoring variable selection 3
11.4	13.4	RPM AtRef Hyster	0—S _{nmot}	1 rpm	10 rpm		At Reference Hysteresis for RPM
11.5	13.5	TRQ AtRef Hyster	0—300%	1%	5%		At Reference Hysteresis for Torque

¹ The “Std.” column refers to the group and parameter numbers in the standard DeviceNet application; the “CL” column refers to the group and parameter numbers in the DeviceNet Closed Loop application.

DeviceNet Parameter Descriptions**11.1 / 13.1 IO Poll Word 1****["IO Poll Word 1"; Range: 0—22; Default: 2]**

Allows selection of monitoring variables that are sent from the drive to the DeviceNet Master via IO Polling. This is **only** selectable from the drive.

11.2 / 13.2 IO Poll Word 2**["IO Poll Word 2"; Range: 0—22; Default: 3]**

Allows selection of monitoring variables that are sent from the drive to the DeviceNet Master via IO Polling. This is selectable from the drive and through DeviceNet IO Polling Assembly 107, Special Status.

11.3 / 13.3 IO Poll Word 3**["IO Poll Word 3"; Range: 0—22; Default: 4]**

Allows selection of monitoring variables that are sent from the drive to the DeviceNet Master via IO Polling. This is selectable from the drive and through DeviceNet IO Polling Assembly 107, Special Status.

11.4 / 13.4 At Reference Hysteresis for RPM**["RPM AtRef Hyster"; Range: 0—Motor Nominal Speed; Default: 10 RPM]**

Allows setting of At Reference bit hysteresis range.

11.5 / 13.5 At Reference Hysteresis for Torque**["TRQ AtRef Hyster"; Range: 0—300%; Default: 5%]**

Allows setting of At Reference bit hysteresis range.