



Errata Sheet

This Errata Sheet contains corrections or changes made after the publication of this manual.

Product Family:	DL205	Date:	January 2019
Manual Number	H2-PBC-M		
Revision and Date	1st Edition, Rev. A; April, 2004		

Changes to Appendix B. H2-PBC Profibus Base Controller GSD File

This Appendix shows the contents of the Version V0.2 GSD file for the H2-PBC Base Controller. An updated GSD file (Version V0.4) is available for free download from the Host Engineering website:

<http://hosteng.com/HW-Products/PBC/PBC.htm#Documentation>

Here is the contents for this updated GSD file:

```

;=====
; GSD File For AutomationDirect.com H2-PBC
; using the SPC3 ASIC
; Version: V0.4
;=====
#Profibus_DP
GSD_Revision=2
;General parameters
Vendor_Name   = "AutomationDirect.com"
Model_Name    = "H2-PBC"
Revision      = "V1.0"
Ident_Number  = 0x0608
Protocol_Ident = 0
Station_Type  = 0
FMS_supp     = 0
Hardware_Release= "REV. 2"
Software_Release= "REV 1.1.19"
9.6_supp     = 1
19.2_supp    = 1
45.45_supp   = 1
93.75_supp   = 1

```



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187.5_supp = 1
500_supp = 1
1.5M_supp = 1
3M_supp = 1
6M_supp = 1
12M_supp = 1
MaxTsdr_9.6 = 60
MaxTsdr_19.2 = 60
MaxTsdr_45.45 = 250
MaxTsdr_93.75 = 60
MaxTsdr_187.5 = 60
MaxTsdr_500 = 100
MaxTsdr_1.5M = 150
MaxTsdr_3M = 250
MaxTsdr_6M = 450
MaxTsdr_12M = 800
Redundancy = 0
Repeater_Ctrl_Sig=0
24V_Pins = 0
Implementation_Type = "ASIC, SPC3"
Bitmap_Device = "Bitmap1N"
Bitmap_Diag = "Bitmap1D"
Bitmap_SF = "Bitmap1S"
; Slave-Specification:
Freeze_Mode_supp = 1
Sync_Mode_supp = 1
Set_Slave_Add_Supp = 0
Auto_Baud_supp = 1
Min_Slave_Intervall = 1
Fail_Safe = 0



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Max_Diag_Data_Len = 244
Modul_Offset = 0
Slave_Family = 3@DL-205
Modular_Station = 1
Max_Input_Len = 244
Max_Output_Len = 244
Max_Data_Len = 488
Max_Module = 8

; UserPrmData: Length and Preset:

Max_User_Prm_Data_Len= 64 ; 32 Bytes reserved for profibus module + 4 bytes per slot

Ext_User_Prm_Data_Const(0)=0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,
0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00,
0x00,0x00,0x00,0x00,0x00,0x00,0x00,0x00

; EMPTY SLOT

Module = "Empty Slot" 0x00

EndModule

; DISCRETE INPUT MODULES

Module="8 POINT DISCRETE INPUT" 0x10

EndModule

Module="16 POINT DISCRETE INPUT" 0x11

EndModule

Module="32 POINT DISCRETE INPUT" 0x13

EndModule



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; DISCRETE OUTPUT MODULES

Module="4 POINT DISCRETE OUTPUT" 0x20

EndModule

Module="8 POINT DISCRETE OUTPUT" 0x20

EndModule

Module="12 POINT DISCRETE OUTPUT" 0x21

EndModule

Module="16 POINT DISCRETE OUTPUT" 0x21

EndModule

Module="32 POINT DISCRETE OUTPUT" 0x23

EndModule

; COMBINATION I/O MODULE

Module="4 IN / 4 OUT DISCRETE COMBO" 0xC0,0x00,0x00

EndModule

; ANALOG INPUT MODULES

Module="4 CHANNEL ANALOG INPUT" 0x53

EndModule

Module="8 CHANNEL ANALOG INPUT" 0x57

EndModule

; ANALOG OUTPUT MODULES

Module="2 CHANNEL ANALOG OUTPUT" 0x61

EndModule

Module="8 CHANNEL ANALOG OUTPUT" 0x67

EndModule



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; COMBINATION ANALOG INPUT/ANALOG OUTPUT MODULE

Module="4 IN / 2 OUT ANALOG COMBO" 0xC0,0x41,0x43

EndModule

; DC INPUT MODULES

Module="D2-08ND3 8PT DISCRETE INPUT" 0x10

EndModule

Module="D2-16ND3-2 16PT DISCRETE INPUT" 0x11

EndModule

Module="D2-32ND3 32PT DISCRETE INPUT" 0x13

EndModule

Module="D2-32ND3-2 32PT DISCRETE INPUT" 0x13

EndModule

; AC INPUT MODULES

Module="D2-08NA-1 8PT DISCRETE INPUT" 0x10

EndModule

Module="D2-08NA-2 8PT DISCRETE INPUT" 0x10

EndModule

Module="D2-16NA 16PT DISCRETE INPUT" 0x11

EndModule



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; INPUT SIMULATOR MODULES

Module="F2-08SIM 8PT INPUT SIMULATOR" 0x10

EndModule

; DC OUTPUT MODULES

Module="D2-04TD1 4PT DISCRETE OUTPUT" 0x20

EndModule

Module="D2-08TD1 8PT DISCRETE OUTPUT" 0x20

EndModule

Module="D2-08TD2 8PT DISCRETE OUTPUT" 0x20

EndModule

Module="D2-16TD1-2 16PT DISCRETE OUTPUT" 0x21

EndModule

Module="D2-16TD2-2 16PT DISCRETE OUTPUT" 0x21

EndModule

Module="D2-32TD1 32PT DISCRETE OUTPUT" 0x23

EndModule

Module="D2-32TD2 32PT DISCRETE OUTPUT" 0x23

EndModule

; AC OUTPUT MODULES

Module="D2-08TA 8PT DISCRETE OUTPUT" 0x20

EndModule

Module="D2-12TA 12PT DISCRETE OUTPUT" 0x21

EndModule



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; RELAY OUTPUT MODULES

Module="D2-04TRS 4PT RELAY OUTPUT" 0x20

EndModule

Module="D2-08TR 8PT RELAY OUTPUT" 0x20

EndModule

Module="F2-08TR 8PT RELAY OUTPUT" 0x20

EndModule

Module="F2-08TRS 8PT RELAY OUTPUT" 0x20

EndModule

Module="F2-08TA 8PT TRIAC OUTPUT" 0x20

EndModule

Module="D2-12TR 12PT RELAY OUTPUT" 0x21

EndModule

; COMBINATION I/O MODULE

Module="D2-08CDR 4PT INPUT/OUTPUT" 0xC0,0x00,0x00

EndModule

; ANALOG INPUT MODULES

Module="F2-04AD-1 4CH ANALOG INPUT" 0x53

EndModule

Module="F2-04AD-1L 4CH ANALOG INPUT" 0x53

EndModule

Module="F2-04AD-2 4CH ANALOG INPUT" 0x53

EndModule

Module="F2-04AD-2L 4CH ANALOG INPUT" 0x53

EndModule



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; Module="F2-08AD-1 8CH ANALOG INPUT" 0x57

EndModule

Module="F2-08AD-2 8CH ANALOG INPUT" 0x57

EndModule

Module="F2-04RTD 4CH RTD INPUT" 0x53

EndModule

Module="F2-04THM 4CH THERMOCOUPLE INPUT" 0x53

EndModule

; ANALOG OUTPUT MODULES

Module="F2-02DA-1 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-02DA-1L 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-02DA-2 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-02DA-2L 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-02DAS-1 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-02DAS-2 2CH ANALOG OUTPUT" 0x61

EndModule

Module="F2-08DA-2 8CH ANALOG OUTPUT" 0x67

EndModule

Module="F2-08DA-1SS 8CH ANALOG OUTPUT" 0x67

EndModule



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; COMBINATION ANALOG INPUT/ANALOG OUTPUT MODULE

Module="F2-04AD2DA ANALOG 4INPUT/2OUTPUT" 0xC0,0x41,0x43

EndModule

Module="F2-8AD4DA-1 ANALOG 8I/4O CURRENT" 0xC0,0x47,0x47

EndModule

Module="F2-8AD4DA-2 ANALOG 8I/4O VOLTAGE" 0xC0,0x47,0x47

EndModule

; H2-CTRIO Counter MODULE

; 52 Bytes Output and 44 Bytes Input

Module="H2-CTRIO Counter Module" 0xC0,0xB3,0xAB

EndModule

Changes to Appendix C. DL205 I/O Modules

Page C-3.Combination Modules

Add these two combination modules, including the mapping data. Both modules log in as 8 words IN (as expected) and 8 words OUT (not as expected). The extra 4 words OUT are used for control words.

F2-8AD4DA-1

Output Word 1: Channel 1

Output Word 2: Channel 2

Output Word 3: Channel 3

Output Word 4: Channel 4

Output Word 5: Input Resolution (pg. 15-14 of D2-ANLG-M)

Output Word 6: N/A

Output Word 7: Track & Hold (pg. 15-15 of D2-ANLG-M)

Output Word 8: Not used

F2-8AD4DA-2

Output Word 1: Channel 1

Output Word 2: Channel 2

Output Word 3: Channel 3

Output Word 4: Channel 4

Output Word 5: Input Resolution (pg. 16-13 of D2-ANLG-M)

Output Word 6: Range Selection (pg. 16-14 of D2-ANLG-M)

Output Word 7: Track & Hold (pg. 16-15 of D2-ANLG-M)

Output Word 8: Not used

DL205 I/O Modules

In This Appendix. . . .

— Supported DL205 I/O Modules

Supported DL205 I/O Modules

DL205 Discrete I/O Modules

Input Modules

D2-08ND3
D2-16ND3-2
D2-32ND3
D2-32ND3-2
D2-08NA-1
D2-08NA-2
D2-16NA
F2-08SIM

Output Modules

D2-04TD1
D2-08TD1
D2-08TD2
D2-16TD1-2
D2-16TD2-2
D2-32TD1
D2-32TD2
D2-08TA
D2-12TA
D2-04TRS
D2-08TR
D2-12TR
F2-08TA
F2-08TR
F2-08TRS

Combination Modules

D2-08CDR

DL205 Analog I/O Modules

Input Modules

F2-04AD-1
F2-04AD-1L
F2-04AD-2
F2-04AD-2L
F2-08AD-1
F2-08AD-2
F2-04RTD
F2-04THM

Output Modules

F2-02DA-1
F2-02DA-1L
F2-02DA-2
F2-02DA-2L
F2-02DAS-1
F2-02DAS-2
F2-08DA-1
F2-08DA-2

Combination Modules

F2-04AD2DA

Specialty Modules

H2-CTRIO

See page 9 of the Errata Sheet at the beginning of this file. Mapping information was added for combination modules F2-8AD4DA-1 and F2-8AD4DA-2

