



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



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

; 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



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

; 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



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

; 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



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

; 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



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

; 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

See Errata Sheet at the beginning of this file for updated GSD file information.

B

H2-PBC Profibus Base Controller GSD File

In this Appendix. . . .
— H2-PBC GSD File

H2-PBC Profibus DP Base Controller GSD File

See Errata Sheet at the beginning of this file for updated GSD file information.

This appendix shows the contents of the GSD file for the H2-PBC Profibus Base Controller. It is included for reference only. The electronic data diskette is included with this manual. The latest GSD file is always available for download on the www.AutomationDirect.com website. It can always be downloaded from the GSD Library located on the Profibus Trade Organization website www.profibus.com.

```

=====
; GSD File For AutomationDirect.com H2-PBC
; using the SPC3 ASIC
; Version: V0.2
=====
#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
187.5_supp   = 1
500_supp     = 1
1.5M_supp    = 1
3M_supp      = 1
6M_supp      = 1
12M_supp     = 1
MaxTsd_9.6   = 60
MaxTsd_19.2  = 60
MaxTsd_45.45 = 250
MaxTsd_93.75 = 60
MaxTsd_187.5 = 60
MaxTsd_500   = 100
MaxTsd_1.5M  = 150
MaxTsd_3M    = 250

```

See Errata Sheet at the beginning of this file for updated GSD file information.

```
MaxTsd_6M = 450
MaxTsd_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
Max_Diag_Data_Len = 244
Modul_Offset = 0
Slave_Family = 3@DL-205
Modular_Station = 1
Max_Input_Len = 244
Max_Output_Le = 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,
00,0x00,0x00,0x00,0x00

; 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
```

See Errata Sheet at the beginning of this file for updated GSD file information.

```

; 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

; 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

```

See Errata Sheet at the beginning of this file for updated GSD file information.

```

; 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
; 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

; 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

```

See Errata Sheet at the beginning of this file for updated GSD file information.

```
; 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
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
```

```
; COMBINATION ANALOG INPUT/ANALOG OUTPUT MODULE
Module="F2-04AD2DA ANALOG 4INPUT/2OUTPUT" 0xC0,0x41,0x43
EndModule
```

```
; H2-CTRIO Counter MODULE
; 48 Bytes Output and 40 Bytes Input
Module="H2-CTRIO Counter Module" 0xC0,0xAF,0xA7
EndModule
```