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; PROFIBUS GSD description file HIX100EA.GSD
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Model:           HIMA HIMatrix
Description:      PROFIBUS DP Slave Device
Author:          HIMA Paul Hildebrandt GmbH + Co KG, Germany (Bruehl)
;
Modifications:   2003/03/31  Created
;
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#Profibus_DP
GSD_Revision      = 2
Vendor_Name       = "HIMA Paul Hildebrandt GmbH+Co KG"
Model_Name        = "HIMatrix"
Revision          = "A"
Ident_Number      = 0x00EA
;
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; PROFIBUS general keywords
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Protocol_Ident    = 0           ;0=DP
Station_Type      = 0           ;0=DP slave
Hardware_Release   = "V1.1"
Software_Release   = "V3.0"
FMS_supp          = 0           ;FMS not supported (def)
Redundancy         = 0           ;redundancy not supported (def)
Repeater_Ctrl_Sig = 0           ;not connected (def)
24V_Pins          = 0           ;not connected (def)
Bitmap_Device     = "HIMATX_n"
Bitmap_Diag       = "HIMATX_d"
Bitmap_SF         = "HIMATX_s"
9.6_supp          = 1
19.2_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
MaxTsdr_9.6       = 60           ;Requirement: <= 60
MaxTsdr_19.2      = 60           ;Requirement: <= 60
MaxTsdr_93.75     = 60           ;Requirement: <= 60
MaxTsdr_187.5     = 60           ;Requirement: <= 60
MaxTsdr_500       = 70           ;Requirement: <= 100
MaxTsdr_1.5M      = 75           ;Requirement: <= 150
MaxTsdr_3M        = 90           ;Requirement: <= 250
MaxTsdr_6M        = 100          ;Requirement: <= 450
MaxTsdr_12M       = 120          ;Requirement: <= 800
;
; DP Slave related keywords
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Freeze_Mode_supp  = 1           ;Freeze Mode supported (def)
Sync_Mode_supp    = 1           ;Sync Mode supported (def)
Auto_Baud_supp    = 1           ;auto detection of baud rate supp.
Set_Slave_Add_supp = 0           ;Set_Slave_Add not supported
User_Prm_Data_Len = 32           ;Length of User_Prm_Data always 32
User_Prm_Data      = 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
Min_Slave_Intervall = 30         ;minimum poll rate (*100us)
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;Modular Slave related keywords
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Modular_Station      = 1
Max_Module           = 32           ;max. number of modules
Max_Input_Len        = 240          ;max. length of input data (bytes)
Max_Output_Len       = 240          ;max. length of output data (bytes)
Max_Data_Len         = 256          ;max. sum of input/output data (bytes)
Max_Diag_Data_Len    = 6            ;number of diagnostic data (bytes)
Slave_Family         = 10           ;PLC device
;
Module = "DP-Input/ELOP-Export:  1 Byte"  0x10
EndModule
Module = "DP-Input/ELOP-Export:  2 Bytes" 0x11
EndModule
Module = "DP-Input/ELOP-Export:  4 Bytes" 0x13
EndModule
Module = "DP-Input/ELOP-Export:  8 Bytes" 0x17
EndModule
Module = "DP-Input/ELOP-Export: 16 Bytes" 0x1F
EndModule
Module = "DP-Input/ELOP-Export:  1 Word"  0x50
EndModule
Module = "DP-Input/ELOP-Export:  2 Words" 0x51
EndModule
Module = "DP-Input/ELOP-Export:  4 Words" 0x53
EndModule
Module = "DP-Input/ELOP-Export:  8 Words" 0x57
EndModule
Module = "DP-Input/ELOP-Export: 16 Words" 0x5F
EndModule
Module = "DP-Output/ELOP-Import:  1 Byte"  0x20
EndModule
Module = "DP-Output/ELOP-Import:  2 Bytes" 0x21
EndModule
Module = "DP-Output/ELOP-Import:  4 Bytes" 0x23
EndModule
Module = "DP-Output/ELOP-Import:  8 Bytes" 0x27
EndModule
Module = "DP-Output/ELOP-Import: 16 Bytes" 0x2F
EndModule
Module = "DP-Output/ELOP-Import:  1 Word"  0x60
EndModule
Module = "DP-Output/ELOP-Import:  2 Words" 0x61
EndModule
Module = "DP-Output/ELOP-Import:  4 Words" 0x63
EndModule
Module = "DP-Output/ELOP-Import:  8 Words" 0x67
EndModule
Module = "DP-Output/ELOP-Import: 16 Words" 0x6F
EndModule

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