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; Profibus Device Database of HMS Industrial Networks.
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;
; Model: Eurotherm E-Power (Anybus CC)
; Description: Eurotherm E-Power (Anybus CC)
; Language: English
; Author: Eurotherm Ltd
; WWW: www.eurotherm.com
;
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;
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#Profibus_DP

GSD_Revision = 4

; Device identification
Vendor_Name = "Eurotherm"
Model_Name = "Eurotherm E-Power"
Revision = "1.01"
Ident_Number = 0x0AC9
Protocol_Ident = 0 ; DP protocol
Station_Type = 0 ; Slave device
FMS_supp = 0 ; FMS not supported
Slave_Family = 0 ; General device
Hardware_Release = "Version 1.01"
Software_Release = "Version 1.01"

; Supported hardware features
Redundancy = 0 ; not supported
Repeater_Ctrl_Sig = 2 ; TTL
24V_Pins = 0 ; not connected
Implementation_Type = "VPC3+C"

Bitmap_Device = "epow0ac9"
Bitmap_Diag = "epow0ac9"
Bitmap_SF = "epow0ac9"

; Supported DP features
Freeze_Mode_supp = 1 ; supported
Sync_Mode_supp = 1 ; supported
Auto_Baud_supp = 1 ; supported
Set_Slave_Add_supp = 0 ; supported
Fail_Safe = 0 ; supported

; Supported baudrates
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

; Maximum responder time for supported baudrates
MaxTsdr_9.6 = 15
MaxTsdr_19.2 = 15
MaxTsdr_45.45 = 15
MaxTsdr_93.75 = 15
MaxTsdr_187.5 = 15
MaxTsdr_500 = 15
MaxTsdr_1.5M = 25
MaxTsdr_3M = 50
MaxTsdr_6M = 100
MaxTsdr_12M = 200

; Maximum polling frequency
Min_Slave_Intervall = 1 ; 100 us

; I/O related keywords
Modular_Station = 1 ; modular
Max_Module = 48
Max_Input_Len = 64

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Max_Output_Len = 32
Max_Data_Len = 96
Modul_Offset = 1
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; Diagnostic related keywords
User_Prm_Data_Len = 3
User_Prm_Data = 0xC0,0x00,0x00
Max_Diag_Data_Len = 80
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; DPV1 related keywords
DPV1_Slave = 1
Check_Cfg_Mode = 1
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C1_Read_Write_supp = 1
C1_Max_Data_Len = 64
C1_Response_Timeout = 100 ;1 sec
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C2_Read_Write_supp = 1
C2_Max_Data_Len = 64
C2_Response_Timeout = 100 ;1 sec
C2_Max_Count_Channels = 1
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Max_Initiate_PDU_Length = 52
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Module = "Input 1 word" 0xD0 ;Word, Consistency over whole mod
1
EndModule
Module = "Output 1 word" 0xE0 ;Word, Consistency over whole mod
2
EndModule
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