

Errata Sheet for CiA DS-301 V 3.0 CANopen Communication Profile

changes are printed in *italics*

Chapter 8.1, Top of page 8-5:

Add: Power on values are the last stored parameters. If storing is not supported or has not been executed *or if the reset was preceded by a restore_default command (object 1011H)*, the power on values are the default values according...

Chapter 10.1, Bottom of page 10-2:

Add: The range 6000H-9FFFH contains the standardised device profile parameters. *The range A000H-FFFFH is reserved for future use.*

Chapter 10.1.1, Bottom of page 10-4

Add:.. ..it enables one to upload the entire structure of the object dictionary. *This entry FFh is not counted in the number of entries in sub-index 0.*

Chapter 10.1.3, Top of page 10-8

Replace:.. first an "8" is written to sub-index 0 , thus setting

Chapter 10.1.4, Table 10-11, page 10-9 + 10-10:

Index 100C (guard time): Replace Unsigned 32 by *Unsigned16*

Index 100D (life time factor): Replace Unsigned32 by *Unsigned8*

Index 12FF: Replace Server SDO parameter by *Client* SDO parameter

Chapter 10.3, Page 10-29, Object 1014H COB-ID Emergency Message

Replace: The structure of this object is shown in Figure 10-8 and Table 10-15, it is similar to the entry 1005h (COB-ID SYNC message).

By: *The structure of this object is shown in Figure 10-10 and Table 10-15, it is similar to the entry 100Eh (Node Guarding Identifier).*

Chapter 10.3, Top of page 10-30

Replace:.. All other server SDOs are invalid by default (invalid bit - see table 10-10).

Chapter 10.3, Top of page 10-34:

Change: object code for objects 1600H-17FFH is *ARRAY*, value range is *Unsigned8*

Chapter 10.3, Top of page 10-37:

Change: object code for objects 1A00H-1BFFH is *ARRAY*

Chapter 12.5.1, Top of page 12-5:

Add: ...ANSI character set. *The keywords are not case-sensitive.*

Chapter 12.5.2, Top of page 12-6:

Add: ..for a particular device class. *The EDS consists of sections designated by a section name. Each section contains entries designated by keywords.*

Chapter 12.5.2.1, Page 12-6:

Replace: characters in format „mm-dd-yy“; By: characters in format „mm-dd-yyyy“

Chapter 12.5.2.3.3, Page 12-10:

Add: The entries are numbered *decimal* beginning with number 1.

Add:.. SubNumber - number of sub-indices available at this index, *not counting sub-index FFh (255dez).*

Add: It is not necessary to use all keywords in every section. *ParameterName, ObjectType, DataType, AccessType however must be present in every object section.*

The absence of the following keywords means

LowLimit - No

HighLimit - No

DefaultValue - No

All other keywords are handled in the way that keywords for numeric values are evaluated as 0 and for string values as empty strings.

The absence of a keyword is equal to the statement

<keyword>= without a value.

Chapter 12.5.2.3.4, Middle of page 12-13:

Add between the description of the structure and the example: *The list of object links is numbered decimal beginning with number 1.*

Chapter 12.5.2.4, Top of page 12-14:

Add between the description of the structure and the example: *The line number is decimal beginning with number 1.*