Supplementary Information
3KDE543004R3901 Rev. H

Driver TZIDC-x10-PB
Digital Positioner

Content

1 Device – Revision Record / What is new?

1.1 Hardware ID: 639

TZIDC-110

Released Revision	Released Date	Remarks
B	02/2004	Current release

TZIDC-210

Released Revision	Released Date	Remarks
B	02/2004	First release

1.2 Firmware
PROFIBUS PA 3.0 Software

Released Revision	Released Date	Remarks
01.11	07/2002	First release
01.12	03/2011	Bugfix
01.13	04/2012	Bugfix

2 DTM - Engineer IT Device Type Manager
2.1 Supported devices
– TZIDC-110-PA
– TZIDC-210-PA

2.2 Version record / What is new?
– Compatible to FDT 1.2 frame applications.
– The DTM from Version 01.00.17 is optimized in functionality and handling strategy for its use in ABB PLC and DCS.

Released Version	Released Date	Remarks
01.00.17	07/2002	First release
01.00.18	06/2004	FDT1.2 compatible version
01.00.19	11/2005	Implementation "silent setup"
01.00.20	03/2007	Updated system download Updated FDT1.2 compatibility

2.3 Requirements

2.3.1 PC-Hardware, Operating system

Minimum requirement
Intel Pentium III Processor 450 MHz or compatible
256 MB RAM memory
300 MB free hard disk space
Windows 2000
Internet Explorer 6.0.

The ABB FDT 1.2 DTM TZIDC-x10-PB is released for Windows 2000, Windows XP and Windows 7 (32 Bit EN), (64 Bit EN/GER).

2.3.2 Frame application / compatibility

The FDT 1.2 compatibility was tested with the dtmINSPECTOR Rev. 1.01.21.

Therefore the ABB DTM should be usable in all frame applications according to the requirements of FDT 1.2.
Please read the respective frame application documentation, too.

2.4 Installation and configuration

2.4.1 Installation

– Make sure that the minimum hardware requirements are met.
– Start Windows (with administrator rights!).
– Cancel all running programs.
– Insert CD-ROM.
– Start "Setup.exe" in the DTM\DTM TZIDC-1x0 PA directory of the CD or in the folder you choosed for the software uploaded from the Internet.
– Follow the instructions.

2.4.2 Linking Device / SK2 and SK1 hints

In case you intend to use PROFIBUS PA devices in a system application and you are using a DP/PA coupler allowing a Baud Rate > 93,25 Kbaud, you need to convert the GSD-files of the PA devices.

The DP/PA-coupler may be:
● ABB Linking Device LD800P□ □
● P&F coupler SK-2

Following the installation of the DTM on your System, please localize the GSD-file of the respective device Normally it is stored under the following path:
...\Program Files\SMART VISION\SVDDesc\COM_DPV1\...\...*.GSD
The names of GSD-file contain usually the PNO-ID of the supported device.

Example:
The GSD-file for the 2600T(265xx) is stored in the directory:
...Program Files\SMART_VISION\SVDDesc\COM_DPV1
_0016_1_04c2
Filename: ABB_04C2.GSD

Implementation of the new GSD-file:
The converted GSD-file made available by ABB and to find as *GSD*.zip file on the CD-ROM in the device box or on the following Internet address http://www.abb.com/Instrumentation.

Please rename the original GSD-file
-> e.g. from 'ABB_04C2.GSD' to 'ABB_04C2.DAT'

Following this, rename the new GSD-file (e.g. YP0004C2.GSD) with the same name than the original GSD-file (ABB_04C2.GSD)

Restart setup:
Please restart the DTM setup with 'setup.exe'

2.4.3 Uninstall instructions

For uninstalling in the operating system: Start-> Settings
-> Control Panel -> Add/Remove Programs -> Install/Uninstall"
-> Select the DTM and Uninstall.
In any case first uninstall all DTMs before uninstalling the frame application SMART VISION

2.5 Update- / Upgrade instructions

– Uninstallation is not required before update / upgrade. It can be handled like a new installation, existing projects will be kept.
– When using a DP/PA Linking Device allowing a DP Baud Rate > 93.25 kBaud: When updating / upgrading the PROFIBUS PA-DTM it is necessary to re-install the converted GSD-file for Linking Devices in the PA-DTM!
– Workflow see chapter "Linking Device/SK2 and SK1 hints"
– Hints regarding new versions may be found under http://www.abb.com/Fieldbus

2.6 What is new?

– Compatible to FDT 1.2 frame applications
– Revised System download

2.7 Known problems and limitations

– Valid for FDT frame applications only:
– TAG cannot be set via a DTM. In DSV401 (SMART VISION) this limit does not apply.
– DTM cannot switch to Offline mode if working with Online-Application. Device has to be disconnected first and then the DTM can be switched to Offline mode only. In DSV401 (SMART VISION) this limit does not apply.
– It could happen that the list of available functions for a DTM in the frame application does not get updated. If that happens, click on "New project" in the frame and when prompted to save click on "Cancel". The DTM menu with all functions in the frame will be available again. In DSV401 (SMART VISION) this limit does not apply.

2.8 Getting help / further information

– Press 'F1' for online help. Help concerning the integration of the DTM in the FDT frame application (e.g. DSV401 (SMART VISION), ...) can be found in the respective documentation of the frame application.

Hints regarding commissioning
– After connecting the device for the first time, an upload should be performed.
– After an upload of the device data into the DTM it is recommended to save all data.

2.9 Licensing the DTM

– The DTM is usable without any license in any frame application.
– After the installation the ABB DTM runs 90-days in demo mode (full functionality) and needs to be purchased within this period, when the storage of data on a PC / Notebook being requested.

By purchasing the DSV401 (SMART VISION) single PC license the ABB DTM is also operable without restriction and does not have to be ordered separately!

3 FDI Package (EDD based)
3.1 Supported devices

3.2 FDI ABB.Package Version record - What is new?

Released Date	Package Version	EDD Re-leased Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00)	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
January 2019	01.00.00	01 03	42_18_85_EN_E.pdf, ABB_0639.gsd, ABB_Device_icon_256 x256.png	none	no	First release

3.3 Supported Languages
The device Package supports English.

3.4 Requirements
FDI Technology Version 1.x.x

3.5 Import / remove and configuration
Start your EDD Host application and follow the instructions.

3.6 Update- / Upgrade instructions
No

3.7 Known problems and limitations
No

3.8 Getting help / further information
Help concerning the integration of the Package in the FDI frame application can be found in the respective documentation of the FDI tool. Use mouseover for field hints and tooltips.

3.9 How to get the latest information & software?
Please check on FieldComm Group webpage www.fieldcommgroup.org

3.10 Licensing
The *"General terms of license for computer software utilization"* are valid, which can be found by searching on abb.com

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http://www.abb.com/instrumentation

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