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- *) DTM500 Bundle Supplement Info is available on the data medium \documentation or latest on www.abb.com/fieldbus. Enter here in the search field following No. "3KXD801500R3901".

1 Device - Revision Record - What is new?

1.1 Hardware ID: 1AA0

1.1.1 FCB1xx, FCH1xx

Released Revision	Released Date	Remarks
all	April 2014	First release Local Operating Interface

1.1.2 FCB4xx, FCH4xx, FCT4xx

Released Revision	Released Datum	Remarks
all	Oct. 2015	First release HART 7

1.2 Software / Firmware

1.2.1 FCB1xx, FCH1xx

Released Revision	Released Date	Remarks
01.00.xx	April 2014	First Release
01.02.xx	Nov 2015	Added VeriMass features
01.03.xx	Jan 2017	Added Modbus register
01.04.02	March 2018	Added Drag indicators
01.05.01	Dec 2019	Second independent frequency output 51/52
01.06.00	March 2020	Added ECC function

1.2.2 FCB4xx, FCH4xx, FCT4xx

Released Revision	Released Datum	Remarks
00.01.00	Oct. 2015	First Release
00.03.00	March 2016	Added features
00.04.00	Nov. 2016	SI12 Certified
00.05.00	Jan. 2018	Added Modbus /Profibus communication
01.05.01	Dec 2019	Second independent frequency output 51/52
01.06.00	March 2020	Added ECC function

Flowmeter

FCB1xx, FCH1xx, FCB4xx, FCH4xx, FCT4xx

1.3 Device

Released Revision	Released Date	Remarks
01	April 2014	First release
02	March 2020	Two further HARD commands

1.4 Cyber Security info

1.4.1 ABB recommendation

A virus scanner shall be used on all PCs/Notebooks. McAfee VirusScan® Enterprise has been tested and qualified for this purpose.

2 DTM (Device Type Manager)

2.1 Supported devices

- CoriolisMaster FCB1xx, FCH1xx, FCB4xx, FCH4xx

2.2 DTM (driver) Version record – What is new?

Released driver Version	Released Date	Released Library Version/FDI base EDD	Remarks
05.00.00	April 2014	≥ 05.04.00 / ≥ 05.00.21	- First release - Part of the DTM500 Bundle
05.00.01	July 2015	≥ 05.04.00 / ≥ 05.00.21	- Bug fix
05.00.02	Sept. 2016	≥ 05.04.00 / ≥ 05.00.21	- Bug fix
05.00.03	Nov. 2016	≥ 05.05.00 / ≥ 05.00.22	- New DTM library for "Observer role" in DCS - Bug fix
07.02.01	Oct 2020	020100 0201	- First release - Part of the DTM700

- The device DTM supports the standard FDT 1.2 / 1.2.1.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

2.3.2 Frame application / compatibility

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

2.4 Installation and configuration

2.4.1 Installation

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

2.4.2 Uninstall instructions

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

2.5 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

2.6 Known problems and limitations

Additionally to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.

- In case of Service Port connection (instead 4-20mA) it is recommended to use the Codewrights HART Communication DTM.
- The Codewrights HART Communication DTM can be downloaded at www.codewrights.biz.

2.7 Getting help / further information

- Press 'F1' for DTM online help.
- Help concerning the integration of the DTM in the FDT frame application can be found in the respective documentation of the frame application.

2.8 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:
→ latest information [*field device protocol dependent*]
→ latest info (download) [*device type dependent*]
- Driver description
- Software [*driver type dependent*]

2.9 Licensing the DTM

See DTM500 Bundle Supplement Info*)
See DTM700 Supplement Info*)

3 EDD

3.1 Supported devices

CoriolisMaster FCB1xx, FCH1xx, FCB4xx, FCT4xx, FCH4xx, models

3.2 EDD Version record / What is new?

Released Version	Released Date	Remarks
01 01	July 2016	First Release PDM only
01 01	July 2016	First Release for FCB1xx, FCH1xx HART 7
01 03	July 2018	HART 7 of FDI reg.
02 01	March 2020	Further HART com.

3.3 Requirements

3.3.1 Interpreter / compatibility

The EDD is released for PDM ≥ 8.1 SP2 and SDC625.

Flowmeter

FCB1xx, FCH1xx, FCB4xx, FCH4xx, FCT4xx

3.4 Installation and configuration

Start your Frame application and follow the instructions.

3.5 Known problems and limitations

- None known

3.6 Getting help / further information

- Help concerning the integration of the driver in the frame application can be found in the respective documentation of the frame application.

3.7 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:

- latest information [*field device protocol dependent*]
- latest info (download) [*device type dependent*]
 - Driver description
 - Software [*driver type dependent*]

Flowmeter

FCB1xx, FCH1xx, FCB4xx, FCH4xx, FCT4xx

4 FDI Package (EDD based)

4.1 Supported devices

FCB130, FCB150, FCB430, FCB450, FCT430, FCT450, FCH130, FCH150, FCH430, FCH450

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

Released Date	Package Version	EDD Released Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00)	UIP Changed UIP file count	Remarks (EDD, Attachment, UIP)
June 2016	01.00.00	01 02	FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02	no	no	First release
August 2017	01.01.00	01 03	FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02	no	no	update
July 2018	01.02.00	01 03	FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02	no	no	FCG registered
August 2019	01.02.01	01 03	FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02	no	no	Update
March 2020	02.01.00	02.01	FCXxxx_256x256, OI_FCB100_FCH100_EN_D, OI_FCB400_FCH400_EN_E,	Diagnostics_History_UIP.1.0.2.up	yes	Update
Oct 2020	01.04.00	01 04 (part of FDI)	FCXxxx_256x256, OI_FCB100_FCH100_EN_D, OI_FCB400_FCH400_EN_D, 1AA001_fdi.pdf	no	No	FCG registered

4.3 Supported Languages

The device Package supports English.

4.4 Requirements

FDI Technology Version 1.x.x

4.5 Import / remove and configuration

Start your EDD Host application and follow the instructions.

4.6 Update- / Upgrade instructions

No

4.7 Known problems and limitations

UIP will work with FIM 1.4.

4.8 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 mouse over for field hints and tooltips.

Flowmeter

FCB1xx, FCH1xx, FCB4xx, FCH4xx, FCT4xx

4.9 How to get the latest information & software?

Please check on FieldComm Group webpage www.fieldcommgroup.org

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