Supplementary Information
3KXF410100R3901 Rev. H

Driver FCXxxx HART Family
CoriolisMaster
Flowmeter
FCB1xx, FCH1xx, FCB4xx, FCH4xx, FCT4xx

Content

1 Device - Revision Record - What is new? .................. 1
   1.1 Hardware ID: 1AA0 ...................................................... 1
   1.2 Software / Firmware ....................................................... 1
   1.3 Device ........................................................................ 2
   1.4 Cyber Security info ....................................................... 2

2 DTM (Device Type Manager) .................. 2
   2.1 Supported devices .......................................................... 2
   2.2 DTM (driver) Version record – What is new? ....................... 2
   2.3 Requirements ................................................................. 2
   2.4 Installation and configuration .......................................... 2
   2.5 Update- / Upgrade instructions ........................................ 2
   2.6 Known problems and limitations ..................................... 2
   2.7 Getting help / further information ................................... 2
   2.8 How to get the latest information & software? .................. 2
   2.9 Licensing the DTM .......................................................... 2

3 EDD .......................................................... 2
   3.1 Supported devices .......................................................... 2
   3.2 EDD Version record / What is new? ................................. 2
   3.3 Requirements ................................................................. 2
   3.4 Installation and configuration .......................................... 2
   3.5 Known problems and limitations ..................................... 2
   3.6 Getting help / further information ................................... 2
   3.7 How to get the latest information & software? .................. 2

4 FDI Package (EDD based) .......................... 3
   4.1 Supported devices .......................................................... 3
   4.2 FDI ABB.Package Version record - What is new? .................. 3
   4.3 Supported Languages ..................................................... 3
   4.4 Requirements ................................................................. 3
   4.5 Import / remove and configuration ................................... 3
   4.6 Update- / Upgrade instructions ........................................ 3
   4.7 Known problems and limitations ..................................... 3
   4.8 Getting help / further information ................................... 3
   4.9 How to get the latest information & software? .................. 3

*) 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

<table>
<thead>
<tr>
<th>Released</th>
<th>Released</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.1.2 FCB4xx, FCH4xx, FCT4xx

<table>
<thead>
<tr>
<th>Released</th>
<th>Released</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.2 Software / Firmware
   1.2.1 FCB1xx, FCH1xx

<table>
<thead>
<tr>
<th>Released</th>
<th>Released</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.00.xx</td>
<td>April 2014</td>
<td>First Release</td>
</tr>
<tr>
<td>01.02.xx</td>
<td>Nov 2015</td>
<td>Added VeriMass features</td>
</tr>
<tr>
<td>01.03.xx</td>
<td>Jan 2017</td>
<td>Added Modbus register</td>
</tr>
<tr>
<td>01.04.02</td>
<td>March 2018</td>
<td>Added Drag indicators</td>
</tr>
<tr>
<td>01.05.01</td>
<td>Dec 2019</td>
<td>Second independent frequency output 51/52</td>
</tr>
<tr>
<td>01.06.00</td>
<td>March 2020</td>
<td>Added ECC function</td>
</tr>
</tbody>
</table>

1.2.2 FCB4xx, FCH4xx, FCT4xx

<table>
<thead>
<tr>
<th>Released</th>
<th>Released</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>00.01.00</td>
<td>Oct. 2015</td>
<td>First Release</td>
</tr>
<tr>
<td>00.03.00</td>
<td>March 2016</td>
<td>Added features</td>
</tr>
<tr>
<td>00.04.00</td>
<td>Nov. 2016</td>
<td>SIL2 Certified</td>
</tr>
<tr>
<td>00.05.00</td>
<td>Jan. 2018</td>
<td>Added Modbus /Proﬁbus communication</td>
</tr>
<tr>
<td>01.05.01</td>
<td>Dec 2019</td>
<td>Second independent frequency output 51/52</td>
</tr>
<tr>
<td>01.06.00</td>
<td>March 2020</td>
<td>Added ECC function</td>
</tr>
</tbody>
</table>
1.3 Device

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>April 2014</td>
<td>First release</td>
</tr>
<tr>
<td>02</td>
<td>March 2020</td>
<td>Two further HARD commands</td>
</tr>
</tbody>
</table>

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?

<table>
<thead>
<tr>
<th>Released driver Version</th>
<th>Released Date</th>
<th>Released Library Version</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.00.00</td>
<td>April 2014</td>
<td>≥ 05.04.00 / ≥ 05.00.21</td>
<td>- First release / - Part of the DTM500 Bundle</td>
</tr>
<tr>
<td>05.00.01</td>
<td>July 2015</td>
<td>≥ 05.04.00 / ≥ 05.00.21</td>
<td>- Bug fix</td>
</tr>
<tr>
<td>05.00.02</td>
<td>Sept. 2016</td>
<td>≥ 05.04.00 / ≥ 05.00.21</td>
<td>- Bug fix</td>
</tr>
<tr>
<td>05.00.03</td>
<td>Nov. 2016</td>
<td>≥ 05.05.00 / ≥ 05.00.22</td>
<td>- New DTM library for “Observer role” in DCS / - Bug fix</td>
</tr>
</tbody>
</table>

- 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*

2.3.2 Frame application / compatibility
See DTM500 Bundle Supplement Info*

2.4 Installation and configuration
2.4.1 Installation
See DTM500 Bundle Supplement Info*

2.4.2 Uninstall instructions
See DTM500 Bundle Supplement Info*

2.5 Update- / Upgrade instructions
See DTM500 Bundle 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.

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*)

3. EDD

3.1 Supported devices
CoriolisMaster FCB1xx, FCH1xx, FCB4xx, FCT4xx, FCH4xx, models

3.2 EDD Version record / What is new?

<table>
<thead>
<tr>
<th>Released Version</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 01</td>
<td>July 2016</td>
<td>First Release PDM only</td>
</tr>
<tr>
<td>01 01</td>
<td>July 2016</td>
<td>First Release for FCB1xx, FCH1xx HART 7</td>
</tr>
<tr>
<td>01 03</td>
<td>July 2018</td>
<td>HART 7 of FDI reg.</td>
</tr>
<tr>
<td>02 01</td>
<td>March 2020</td>
<td>Further HART com.</td>
</tr>
</tbody>
</table>

3.3 Requirements
3.3.1 Interpreter / compatibility
The EDD is released for PDM ≥ 8.1 SP2 and SDC625.

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]
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?

<table>
<thead>
<tr>
<th>Released Date</th>
<th>Package Version</th>
<th>EDD Released Version (Dev Rev)</th>
<th>Attachment</th>
<th>UIP Released Version (00.00.00)</th>
<th>UIP Changed UIP file count</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 2016</td>
<td>01.00.00</td>
<td>01.02</td>
<td>FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02</td>
<td>no</td>
<td>no</td>
<td>First release</td>
</tr>
<tr>
<td>August 2017</td>
<td>01.01.00</td>
<td>01.03</td>
<td>FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02</td>
<td>no</td>
<td>no</td>
<td>update</td>
</tr>
<tr>
<td>July 2018</td>
<td>01.02.00</td>
<td>01.03</td>
<td>FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02</td>
<td>no</td>
<td>no</td>
<td>FCG registered</td>
</tr>
<tr>
<td>August 2019</td>
<td>01.02.01</td>
<td>01.04</td>
<td>FCXxxx_256x256, OI_FCB100_FCH100_EN_C, OI_FCB400_FCH400_EN_A02</td>
<td>no</td>
<td>no</td>
<td>Reg. in prog.</td>
</tr>
<tr>
<td>March 2020</td>
<td>02.01.00</td>
<td>02.01</td>
<td>FCXxxx_256x256, OI_FCB100_FCH100_EN_D, OI_FCB400_FCH400_EN_E, Diagnostics_History_UIP.1.0.2.uip</td>
<td>yes</td>
<td>update</td>
<td></td>
</tr>
</tbody>
</table>

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.

4.9 How to get the latest information & software?
Please check on FieldComm Group webpage www.fieldcommgroup.org
ABB has Sales & Customer Support expertise in over 100 countries worldwide.
http://www.abb.com/instrumentation

The Company’s policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.


© ABB 2020