

**Driver ACA592-XX HART Endura**

Concentration Transmitter (Toroidal Conductivity, Four Electrode Conductivity, Two Electrode Conductivity)

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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".

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**1 Device - Revision Record - What is new?**

### 1.1 Hardware

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.00.00</td>
<td>March 2012</td>
<td>First release</td>
</tr>
</tbody>
</table>

### 1.2 Software

<table>
<thead>
<tr>
<th>Released Revision</th>
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### 1.3 Device

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>March 2012</td>
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</tr>
</tbody>
</table>

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**2 DTM (Device Type Manager)**

### 2.2 DTM (driver) Version record - What is new?

<table>
<thead>
<tr>
<th>Released driver Version</th>
<th>Released Date</th>
<th>Released bundle / Library Version</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| 05.00.00                 | April 2012    | ≥ 05.02 / ≥ 05.00.17             | - First release  
|                         |               |                                  | - Part of the DTM500 Bundle |
| 05.00.01                 | Sep. 2012     | ≥ 05.04 / ≥ 05.00.18             | - DTM500 Library enhancements |
| 05.00.02                 | Nov. 2014     | ≥ 05.05.00 / ≥ 05.00.21          | - New DTM library for Compatibility with Win 8.1 and Win 2012 and 64 bits Operating systems |
|                         |               |                                  | - Bugfixes: |
| 05.00.03                 | Nov. 2016     | ≥ 05.05.00 / ≥ 05.00.22          | - New DTM library for "Observer role" in DCS |

- 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.

- User recommended to use the table entry for editing the user-defined curve instead of grab-and-move feature, this avoids the "nonmonotonic" or "access restricted" errors when the curve values are stored to the device.

- DTM pop-up messages are not supported on Windows 2000

- In Identify and Parameterize views of the DTM in Online mode, Use "OK" button to close the view if data has been edited and stored to the device from this view.
  - Use "CANCEL" button to discard changes made and not stored to the device.

- User recommended to tab-out of, or click away from a data-entry field after editing the value. This overcomes the issue with some data changes not being accepted by the DTM and not stored to the device upon Partial Download (tool bar option "Data load from device for this function only")

- User recommended to perform a complete upload (tool bar option "full data load from device") after opening the DTM in online mode. This could be done through the pop-up message "Do you want to switch to the online view and upload the device parameter". Sometimes the DTM may not present this pop-up message. In this case, perform the operation through the menu/tool bar.

- User must manually verify the auto detection of invalid value entry for PV LRV, PV URV and reverting to previous good value.

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] |

2.9 Licensing the DTM
See DTM500 Bundle Supplement Info*)
3 EDD (Electronic Device Description)

Supported devices
- ACA592-TC Toroidal Conductivity
- AC592-EC Four Electrode Conductivity
- ACA592-TE Two Electrode Conductivity

3.1 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>Aug. 2011</td>
<td>First release, Registered with HCF</td>
</tr>
</tbody>
</table>

3.2 Requirements
3.2.1 Interpreter / compatibility
The EDD is released for PDM 6.0, SDC625, HH375, HH475

3.3 Installation and configuration
Start your Frame application and follow the instructions.

3.4 Known problems and limitations
- None known

3.5 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.

3.6 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]