
CPTC-02 ATEX-certified thermistor protection module

Instructions for pairing the module with an ATEX-certified drive

This document instructs how to pair the CPTC-02 module with an ATEX-certified ACS580, ACH580 or ACQ580 drive in the ABB Drive Installed Base (DIP) register. Pairing is mandatory. Otherwise the drive ATEX certification is not valid.

Requirements

Before you install the module and start the pairing, write down the serial numbers of the drive and the CPTC-02 module. The data is needed in the pairing process. Serial numbers are on the type designation labels.

The installer of the module must do the pairing.

You can pair the CPTC-02 module only when you have the DIB register access. If you do not have it yet, send an access request. See the instructions below.

Other requirements:

- Make sure that drive serial number starts with 1, 4, 7, 8, M or Y.
- Make sure that you have done the installation and start up (incl. validation test) of the CPTC-02 module and set applicable drive parameters according to the instructions in CPTC-02 user's manual.
- Make sure that you have attached the ATEX label for the Safe Motor Temperature (SMT) function to the drive module nearby the standard rating plate to indicate the ATEX compliance of the installation. The label is included in the CPTC-02 installation kit.

Pairing instructions

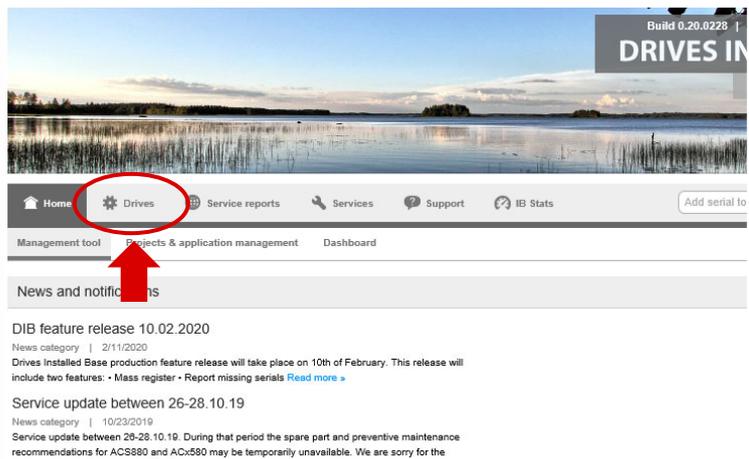
1. Go to the site:

<https://businessapps.abb.com/sites/DrivesIB4/Pages/default.aspx>.

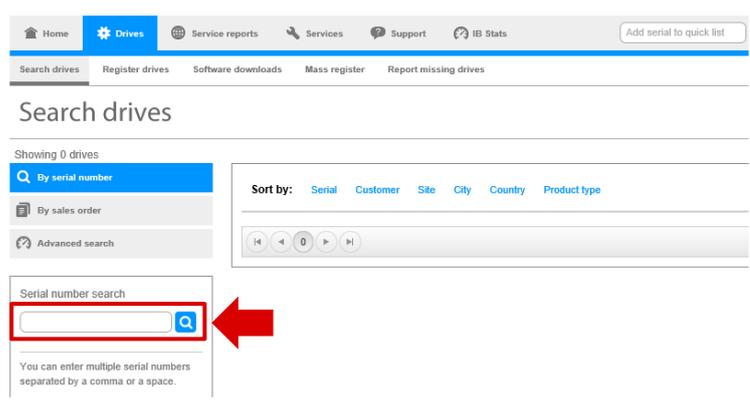
2. If you don't already have access for the ABB Drives Installed Base register, create a new user access request.

The screenshot shows a web form titled "Create a new user access request to the ABB Drives Installed Base tool". The form includes a header with instructions: "In order to use the DIB tool you need to have a user account in the system. We kindly ask you to provide your contact information and details of your company you are working in. With the given details we can create you a new user account and link it to one of the existing companies or create a new one if needed. This information will not be used in any other purposes." Below this, a sub-header states: "Fill in all the required fields and then click the Submit-button to complete your request. The request will be sent directly to our support team and it will be handled within 1-2 work days. You can use this form to request access also in behalf of other persons but only a single request per email is accepted. If you have an ABB contact you have been directly in contact with the topic you can add it in to the additional info field." The form fields include: "First name*", "Last name*", "Email address*", "Phone number", "Job function" (dropdown), "Company type*" (dropdown), "Companies" (dropdown), "Company name*", "Company country*", "Company region", "Company city*", "Company address*", "Company postal*", and "Additional info" (text area). A "Submit" button is located at the bottom left.

3. Click "Drives" on the homepage.



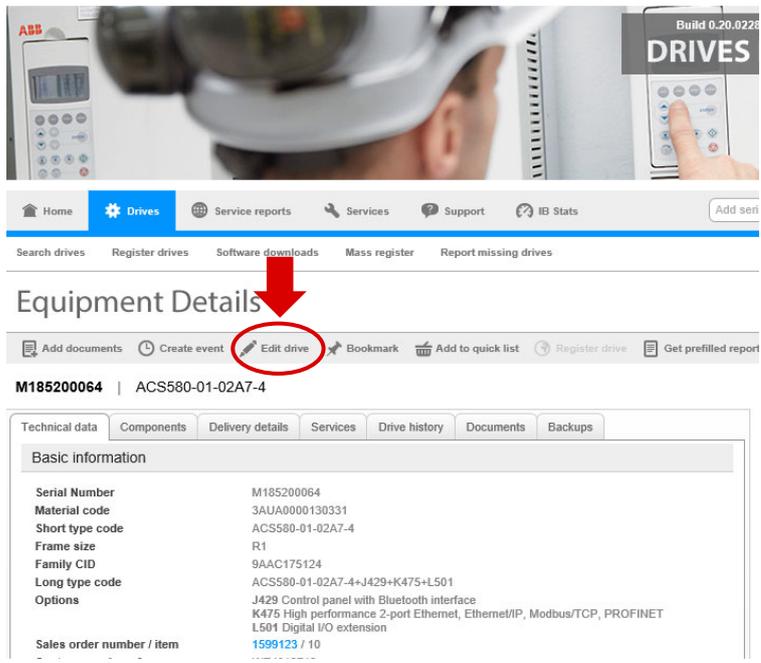
4. Type the serial number of the drive to the “Serial number search” field and click the search icon.



5. Click the serial number on the search results.



6. Click “Edit drive”.



7. Select "ATEX" to the "Related serial type" field and type the serial number of the CPTC-02 module.

Click "Save" for ending the process.

The screenshot shows a web application window titled "Edit drive details". The form contains the following fields:

- Type code: ACS580-01-02A7-4 [Change](#)
- Material code: 3AUA0000130331
- Long type code: ACS580-01-02A7-4+J429+K475+L501
- Sales order number: 1599123
- Related serial number(s): ATEX x H7280250WS x +
- Project: [Empty]
- Customer's equipment ID: [Empty]
- Additional info: [Empty]
- Application type: Select application type... [Dropdown]
- Criticality: Select criticality level... [Dropdown]
- Drive status: Select drive status... [Dropdown]
- Commissioning date: 10/9/2019 [Calendar icon]
- Functional location: [Empty]

At the bottom right, there are two buttons: "Save" (with a checkmark icon) and "Cancel" (with an X icon). A red arrow points to the "Save" button, which is also circled in red.