

# Product News



## LOW VOLTAGE PRODUCTS

Ref. to: Cat. 1SFC132004C0201, Panorama 1SFC132006B0201

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## Softstarters

### New revision of the PST(B) softstarter

A new revision of the PST(B) softstarter was released on June 12, 2007. This revision 9 has the CU-version 05.03.03. The biggest news are:

- Torque control for inside delta connection
- Possibility to see when local control (Keypad) is used through Fieldbus control
- "Ready-to-start"-signal from PST to PLC
- Enable signal on In0/In1 has now higher priority than FB
- Possibility to disable the EOL separately during start or operation
- Czech language added

As always with new releases there are new eds- and gsd-files for fieldbus communication as well as new address maps for the different protocols. The document number for the address maps for revision 9 are **1SFC132048M0201 for Profibus**, **1SFC132049M0201 for Device Net** and **1SFC132047M0201 for Modbus**. These can all be found on ABB Library.

To match revision 9, a new softstarter simulator has been released as well. This one can also be downloaded from ABB Library.

### Coated PCBs

Thanks to customer requirements, a special version of the PST softstarter has been developed. In this version both the PCBs are coated to withstand the harsh environments that might exist in for instance waste water plants. These softstarters have a special type number and order code as in below example:

Normal PST	<b>PST30-600-70</b>	1SFA894002R7000
Coated version of PST	<b>PST30-600-70I</b>	1SFA894002R7020

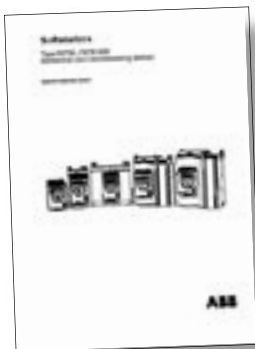
Separate PCBs can also be ordered as coated versions. See the new spare parts list (1SFC132005M0201) on ABB Library.

### New Installation and Commissioning Manuals for PST(B)

The installation and commissioning manual for PST(B) has been updated with the torque control functionality. The revision date of the manual is November 2006. The manual is available in English, Swedish, German, French, Italian, Spanish, Dutch, Portuguese, Finnish, Polish, Chinese and Russian.

For the English version of the manual, there is an even later revision available. The revision date is here June 2007, and with this update the British and American versions of the manual has been combined. The document number is **1SFC132003M0201**.

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### New version of the softstarter selection program ProSoft

The latest version of the softstarter selection program ProSoft is called **3.0.1.5**, and can be downloaded from ABB Library. This version contains some corrections and improvements compared to the older versions. It is recommended always to use the latest version in order to get as reliable results as possible.

### Updated version of the short form guide

The short form guide gives a quick overview of the benefits of using a softstarter. The latest version is updated with the torque control functionality. The document number is **1SFC132003L0201**.

### Possibility to have longer starting times using PSR

There has been a requirement from some customers to be able to use the PSR softstarter for heavy duty applications. In order to give softer starts for these applications, a longer start ramp might be required. Therefore the maximum length of the start ramp has been increased from 10 to 20 seconds.

This change has been implemented in the production but it might take some time until this new revision is delivered due to stocks of the old version.

### Trouble shooting form

The trouble shooting form is updated and does now cover PSR, PSS and PST(B). To make it possible for us to determine the problem with a softstarter we ask you to fill in the data asked for in this document. The trouble shooting form can be found on ABB Library and the document number is **1SFC132002Z0201**.



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