

Product News



LOW VOLTAGE PRODUCTS

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New revision of the PST(B) softstarter

A new revision of the PST(B) softstarter was released on April 29, 2008. The revision is called revision 10, CU-version 05.04.04. The biggest news are explained below:

One language configuration

In order to make it easier for us to give good deliveries etc, the user will on first start-up be prompted to select language. With this improvement, all the softstarters of the same size will be identical when delivered instead of having 14 versions depending on language.

Improved backward compatibility

With revision 10, it is possible to change only the LV-card **or** the HV-card if there is a problem with one of the cards. In previous versions there were some compatibility issues if using a HV-card of revision 6 or older and a LV-card of revision 7 or newer.

Possibility to change the PCB without reprogramming the PLC

In a large fieldbus system with several softstarters connected there might be a problem when upgrading one of them to a later version since this will require reprogramming of the PLC. In revision 10, there is a new parameter where it will be possible to select which CU-version the softstarter shall imitate, as seen from the PLC-side. If setting this parameter to CU 04.00.02 (Revision 6) for instance, the softstarter will still have all the functionality from revision 10 but only the revision 6 functionality can be set from the PLC, and there will be no need for reprogramming of the PLC.

Better stability when starting large compressors inside delta

In the previous versions there has in some cases been problems when starting large low loaded motors like for instance compressor applications when the motor is connected inside delta. In revision 10, changes have been made to prevent this problem.

Changed stepsize of Analog Output parameter "I Range Max"

Some meters need more accurate settings than the 10 A steps from previous versions. In revision 10, the stepsize is 1 A.

Current limit settable down to $1.5 \times I_e$

High current warning settable up to $8 \times I_e$

A new softstarter simulator that matches revision 10 is available on ABB Library, making it possible to get familiar with this new functionality. The eds-file is available on ABB Library and the gsd-file will be available shortly.

