

ABB SOFTSTARTERS – THE COMPLETE RANGE

ABB Softstarters now cover the whole range from 3A to 1800A. The PSS series is a flexible and compact range for smaller motors. It is very robust, easy to install and to set up. With the new digitally controlled PST Softstarter we have gone a significant step further in soft starting technology. Matching modern power electronics with smart circuitry and software ABB has developed new Softstarters that offers superior electronic control of the current and voltage during motor start-up. Plus several new design attributes, which give you advanced Softstarter functionalities for any application.

More information about the ABB Low Voltage Product ranges and downloads of technical product documentation is found on www.abb.com/lowvoltage.

ABB

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The Softstarter that Speaks Your Language**ABB****PST...**

The exciting new PST Softstarter from ABB offers you the advanced functionality you would expect to get from any state-of-the-art soft starter.

But there is a completely new dimension as well: the PST is exceptionally simple to set up and operate. It is based on the same easy-to-use concept as a mobile telephone – but the keypad has only four buttons. You can use these to communicate with the PST... and get information back.

And the PST speaks your own language. There are no messages in coded letters and figures. Just plain, easy-to-understand words. The PST is a true world citizen. It speaks close to a dozen different languages fluently. Which is no surprise since it is at home almost everywhere. It is sold and serviced in more than 100 countries.

The PST will minimize stress on your electrical network and all its components. And it doesn't only give you perfect protection and control. It also provides you with a perfect overview and

perfect information. In other words, it's the perfect choice when you want an advanced solution that takes care of all your needs.

Our advanced PST range covers applications from 30 A up to 1800 A. It is the perfect complement to our basic range of compact and flexible PSS Softstarters.

To select the best ABB Softstarter for your needs, please visit www.abb.com/lowvoltage and click on 'Softstarters'. You can then view or download documentation on all models or use our Prosoft selection program.

If you turn the page, you'll meet the PST Softstarter in close-up and learn about its most important characteristics. As you will quickly find out, it is an acquaintance well worth making.



Just listen:

Hello!

As you can immediately see from the exterior, the PST represents a completely new generation of Softstarters. It is an intelligent and interactive partner that will help you to run your production more smoothly and more reliably. You can minimize water hammer in pumps. You can lessen mechanical and electrical stress on gearboxes and bearings. You can reduce the risk of belt breakage on conveyors. And so on.

Easy to tailor

The PST is a true magic box of built-in benefits. There are standard settings available for different types of application for quick and easy set up. But you can also tailor your own settings. You can decide your own start and stop profile. You can arrange a sequence start with up to three individual motors. And you can tailor your motor protection for any type of application.

Easy to protect

Inside the PST Softstarter you will find a host of useful features for advanced motor protection, including a powerful, programmable overload protection system. There is also built-in self-protection as well as fault detection for phase loss and other system failures. An additional feature is that the PST allows you to design your own, specific early warning system to avoid unnecessary downtime.

Easy to understand

The display of the PST gives you information presented in plain words... in your language. No coded messages that need to be translated or interpreted before you understand them. You get all the information you need to set up, adjust and troubleshoot. And you get it right in front of you on the display.

Ready?

Easy to use

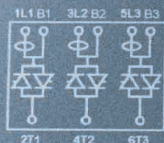
The PST employs the same basic user concept as today's advanced mobile telephones – but there are only four pushbuttons on the keypad. It is child's play to use it.

Easy to troubleshoot

What happened? When did it happen? With the built-in Event Log you are always in control of your system. You can use it for anything from simple fault detection to advanced diagnosis. It is an insurance system that helps you get the most and best from your system.

Easy to communicate

The PST can be controlled in three ways: from the keypad... hard wired... or by bus connection. It's your choice. You might want a manual solution now but the possibility to upgrade it later. ABB's unique Field Bus Plug System means that you can connect to any of the available protocols. Buy it now and select and connect the bus system later when you need it.



1SFA 894 007 R1002 Made in Sweden

IEC 60947-4-2 72: AC-53a: 8-1.6: 80-6

Us: 100-250V AC/DC	Ue:	220-230	380-400	500	V
Ie: 37-72A	In Iline	18,5	37	45	kW

UL 508 Overload Capacity 115% of Continuous

Uc: 100-250V AC/DC	Ue:	208	220-240	440-480	V
FLA: 37-88A	In Iline	20	20	50	Hp

CAUTION Fuse 250A TYPPOWER ZILOX Max short circuit current 65kA at 480V Wire 1-8 Al Cu 75C only, 375lb-in