

AN UNMATCHED RANGE OF SOFTSTARTERS

ABB Softstarters cover motors from 3A up to 1800A with three different ranges.

Our new smart PSR range of Softstarters covers up to 45A. This means that you can now have professional control of your small motors too. The flexible PSS range covers medium-sized motors up to 515A. And the top-of-the-line PST range of Softstarters offers superior control and protection of motors up to 1800A.

To select the best ABB Softstarter for your specific needs, please visit www.abb.us/controlproducts and click on 'Softstarters'. You can then view or download documentation and tools for all our models.



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*Think
Smart!*



The new compact PSR Softstarter from ABB for customers who think a bit further.



"Better performance than Y/D... reliability and quality... compact dimensions... easy installation... possibilities of communication... and all of this, of course, at an attractive price!"
We're happy to say that our new PSR Softstarter fulfills all of these requirements – it's really a Smart Softstarter! If you turn the page, you can learn about the most important characteristics of the PSR Softstarter.

Do you give your motors a kick-start? Or do you accelerate them nice and smoothly?
If you have a large motor, the answer is obvious: You install a softstarter to safeguard your electrical network and all its components. Hopefully, you go for our advanced and versatile PST Softstarter. It'll give you perfect control. But... what do you do if your motor is small or medium-sized? You either start Across the Line. Or you install a Y/D starter. And keep your fingers crossed.
It doesn't have to be that way any longer. Now we're introducing a state-of-the-art range of small, compact softstarters.
They cover applications from 3A up to 45A. Our new softstarters are designed for OEMs, panel builders, contractors and designers who want to follow the trend and use the most up-to-date starting equipment for their smaller motors. When designing our new compact softstarter – it's called PSR – we asked our customers what features they were looking for. Here are some of their key answers:

Introducing the PSR Softstarter

Think Smart!

What do you think of my features?

Smart performance

The PSR Softstarter controls the motor electronically. In other words, it's much smarter than a Y/D starter and particularly Across the Line. Easy settings eliminate current and torque peaks. Mechanical stress is reduced. The life and the performance of your equipment are both improved.

Smart range

The PSR Softstarter comes in several sizes covering the range 3A-45A. There's one to fit your specific requirements. All Softstarters include a Run signal relay. Sizes from 25A upward are also equipped with an output signal for T.O.R (full voltage)

Smart installation

Dimensions of the PSR Softstarter are extremely compact. The smaller models (up to 30A) have a width of only 45 mm; the larger models (37A - 45A) are 54 mm wide. Mounting is easy: screw mounting or DIN rail mounting.

Smart cooling

All sizes of the PSR Softstarter can be equipped with an auxiliary cooling fan for increased starting capacity. With the fan you can easily permit 20 starts per hour. Without the fan you can still have 10 starts per hour.

Smart quality

The PSR Softstarter exhibits ABB quality all through, both on the outside and on the inside. It is tested and approved for CE, UL and CCC. The PSR Softstarter also meets the RoHS (Restriction of Hazardous Substances) directive.

Smart settings

The PSR Softstarter has clearly marked settings. They are easy to read and it is easy to set up for different applications. There are also built-in smart ramps for start and stop in demanding applications.

Smart communication

The PSR Softstarter can also be controlled by bus connection. If you equip the PSR with ABB's unique FieldBusPlug accessories, you can connect it to a PLC using any of the available protocols.

Smart support

Behind the new range of PSR Softstarters you have the entire worldwide ABB organization. This means you can always have our instant assistance and support when you have questions or a tricky problem. We'll be there to give you professional advice. That's an important component in our Softstarter offer.

