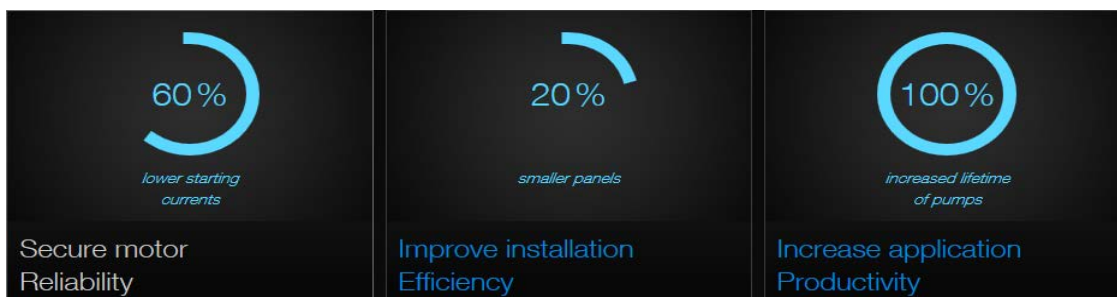


Introducing the world's first softstarter with built-in pump cleaning

With the new PSTX softstarter, ABB is introducing an economic and compact solution that was previously only available with variable speed drives. Today, the PSTX is available from PSTX30 (20hp @ 480v) to PSTX370 (300hp @ 480v). The complete line up to 1000hp will be available soon.

This ABB softstarter can significantly increase motor and pump lifespan as well as reduce panel space. It's the world's first softstarter that not only protects pumps from clogging and overheating but also has a built-in pump cleaning feature.



Securing motor reliability

Whenever full control and motor protection is needed, the PSTX is the right choice to soft start and stop a three phase motor. It will keep the motor running reliably even in cold or humid environments as well as protect the motor from load and network irregularities. For example, the PSTX performs intelligent diagnostics of the network and determines how much time is needed to cool down a motor.

Improve installation efficiency

Besides reducing the panel size, the built-in bypass of the PSTX also lowers installation costs. Flexible communication makes connection to all of the major fieldbuses easy. The detachable keypad ensures a safe installation and enables easy monitoring of key information such as current, voltage, power, motor temperature and alerts.

Protecting pumps

For pumps, both starting and stopping is crucial. The PSTX softstarter can reduce the motor's speed in a controlled way and avoid water hammering. It also protects pumps from running dry due to underload protection and helps avoid jammed or clogged pumps with a built-in pump cleaning feature.

Visit our microsite [Connect to Control](#) for more information.