

Abb 1Sfa894016R7000 Soft Start Drives 100-250V Ac

The **ABB PSTB470-600-70 Soft Start Drive** (Part No. **1SFA894016R7000**) is a high-performance motor soft starter engineered to manage the smooth acceleration and deceleration of large motors in demanding industrial applications. Operating with a wide control voltage range of **100-250 V AC**, this unit supports motor currents from **150 A to 470 A** and is fully compliant with **IEC 60947-4-2** and **UL 508** standards. Built for high-load systems such as pumps, fans, compressors, and conveyors, the PSTB470 ensures reliable startup performance while minimizing mechanical stress and power surges. Manufactured in Sweden, this robust drive weighs **33.500 kg** and offers the durability needed for critical installations.

Key Features

- Soft starting and stopping of motors rated up to 470 A, enhancing system longevity
- Wide input control voltage (100-250 V AC), ideal for flexible system integration
- Compliant with IEC and UL standards for global industrial applications
- Supports heavy-duty wiring (2/0 AWG to 500 kcmil), with secure terminal torque of 375 lb-in
- Advanced motor protection and reduced inrush current for system efficiency


Specifications


- Model: PSTB470-600-70
- ABB Order Code: 1SFA894016R7000

- Control Voltage: 100–250 V AC
- Rated Current (IEC): 470 A (AC-53A: 5-2: 80-6)
- Rated Operational Current (UL): 150–480 A FLA
- Frequency: 50/60 Hz
- Wiring Range: 2/0 AWG – 500 kcmil (Al/Cu, 75°C only)
- Terminal Torque: 375 lb-in
- Standards Compliance: IEC 60947-4-2, UL 508
- Country of Origin: Made in Sweden
- Weight: 33.500 kg

Designed for maximum performance in large-scale motor operations, the **ABB PSTB470-600-70 Soft Start Drive** combines intelligent control, robust construction, and trusted ABB engineering. Its ability to reduce mechanical wear and electrical stress makes it an essential solution for increasing the life and efficiency of your motor-driven systems. Whether for new installations or upgrades, this unit offers proven reliability for high-demand environments.

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