

Softstart

Functional testing
PST30...300
PSTB370...1050

1SFC132028D0201

Maj-12



Functional testing

ABB

- Check that the circuit board and fan voltages correspond with the manufacturing specification and the rated marking plate.

- Visual check of the completed product.

- Voltage test of main circuit:

Tripping current 10 mA.

Do not apply test voltage before the test object is connected.

Test between the phase and earth: 2,7 kV during 1s.

Test between the phases: 1,4 kV during 1s.

- Voltage test of control circuit, 1,0 kV during 1s.

Tripping current 10 mA.

The test voltage may not be connected until the test object is connected.

Between connection block 1,2,12,13,14,15,16,17,18,19,20 and earth.

- Programming.
- Function test of the keypad and display.
- Function test of start ramp and stop ramp. Also check that indication is correct on the unit.
- Test of by-pass function, and that indication on the unit is correct.
- Test stamp in green area of label on right hand side of the softstarter. The number combination of the stamp stands for "year" and "calendar week" of production and testing.

Delivery

- Each completed and tested softstarter is delivered with a installation & maintenance manual.



ABB Automation Technology AB, CEWE - Control
S-721 61 Västerås, SWEDEN
Telephone +46 21 32 07 00
TELEFAX +46 21 12 60 01