

Softstart

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

1SFC132028D0201

Sep-04



**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 25 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 25 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.




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