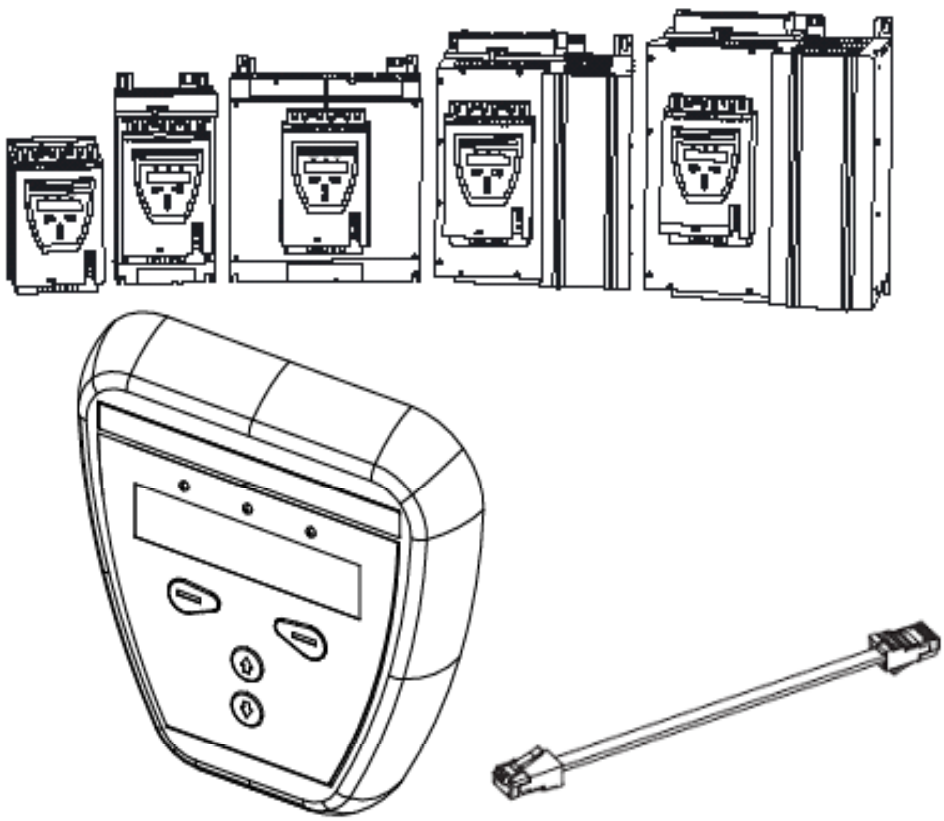
# External Keypad

## Type PSTEK for softstarters PST(B) Operating instructions

1SFC132017M0201 , May 2004



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# External keypad type PSTEK

This instruction covers the usage of the external keypad PSTEK for door mounting. It is an optional extended Human Machine Interface (HMI) suitable for PST and PSTB softstarters.

The kit includes all needed material for panel mounting, three screws, drilling plan and a 3-meter // 9,8 feet cable handling both the serial communication and power supply to the keypad.

The external keypad can also be used for transferring parameters from one softstarter to another during commissioning (temporarily handheld). Note that IP66 cannot be achieved when the keypad is not mounted.

When the external keypad is used, both keypads will work in parallel but the softstarter keypad has always the highest priority if the keys on both units are pressed simultaneously.

*For mounting– see the "Installation instruction" enclosed with the keypad.*

# Transferring of parameters

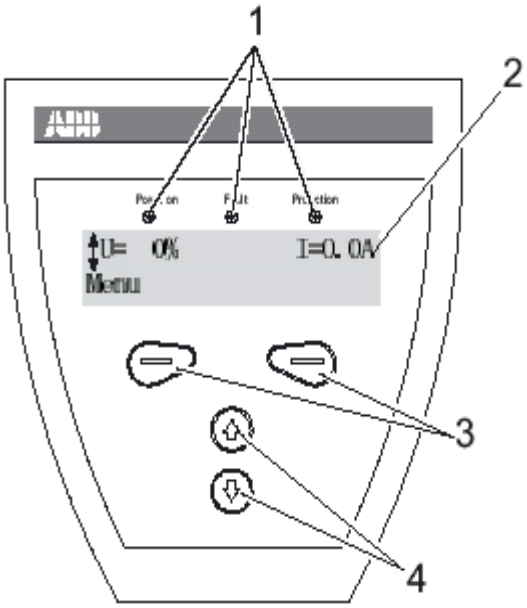
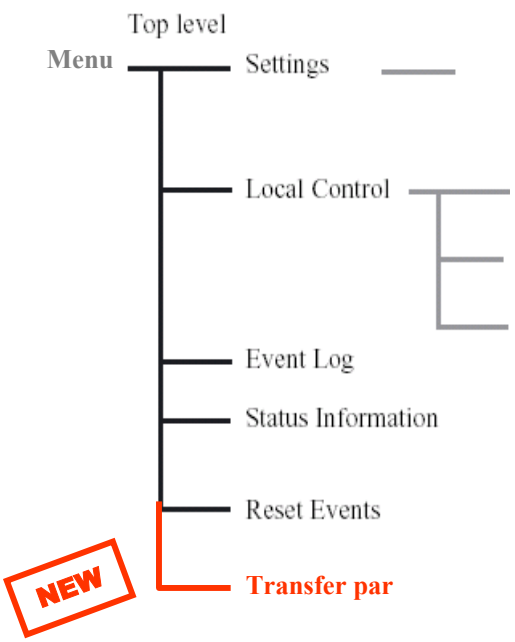



*Figure 1:*

1 Status indication LEDs
2 LCD display
3 Selection keys for selecting, changing and storing parameters
4 Navigation keys for navigating in the menus
Arrows shown in the display indicates that the value/menu is possible to change or scroll




To transfer(copy) parameters from one softstarter to another, connect the keypad to the chosen softstarter and follow the sequence below.

**Uploading of parameters**
Enter the menu *Transfer par* . Select *To Keypad* and confirm by pressing *Select*. A text *Load to keypad* will be displayed. Continue by pressing *Execute* and then *Yes* when the text *Are you sure* is displayed. *Transfer OK* will now be displayed if the transmission was successful, otherwise *Transfer NOT OK*.

**Downloading of parameters**
To download the parameters, connect the keypad to the chosen softstarter and select *To Starter*. A text *Load to Start* will be displayed. Continue by pressing *Execute* and then *Yes w*hen the text *Are you sure* is displayed. *Transfer OK* will now be displayed if the transmission was successful, otherwise *Transfer NOT OK*.
Set the parameter *Setting Ie* and confirm by pressing *Next*.

*The parameters in the menu Service Settings will not be transferred.*

*How to operate the keypad, see Chapter 6 "Human-Machine Interface (HMI)" in the "Installation and commissioning manual" enclosed with the softstarter.*

# Technical data

| | |
|---|---|
| Display | 20 segment LCD |
| Signal indications LED's | |
| *Power on* | Green |
| *Protection* | Yellow |
| *Fault* | Red |
| Keys | 2 for selection and 2 for navigation |
| Degree of protection | IP66 (when fixed mounted) |
| Marine approvals | *Lloyds (pending)* |
| Ambient temperatures | |
| *During operation* | 0…50 Degree C // 32…122 Degree F |
| *During storage* | -25….70 Degree C // -13…158 Degree F |
| Weight | 0,4 Kg // 0,9 Ib |
| UL approval | UL type 1, *UL type 4X Indoor (Pending)* |

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