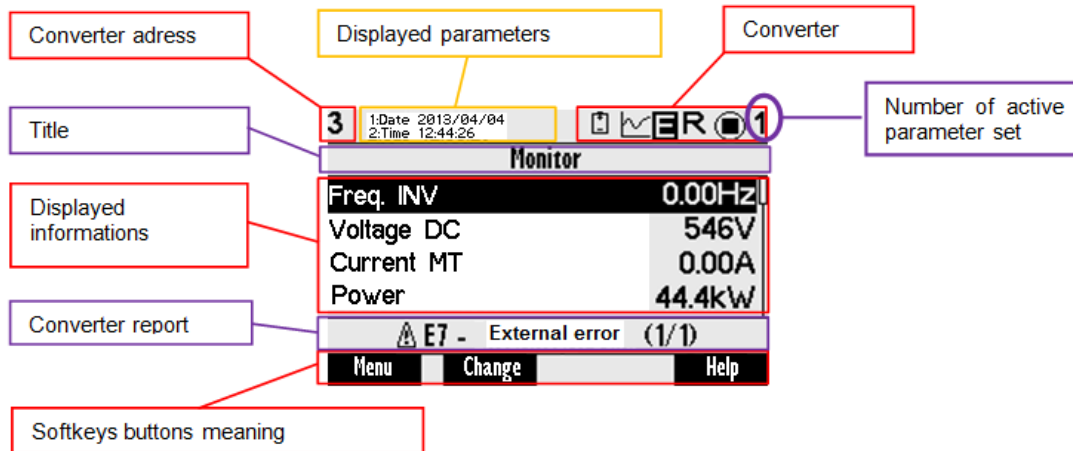


CONTROL PANEL - UNIPANEL USER MANUAL

1. Buttons

START	STOP	REVERZ	Converter control, if control panel is selected as the control source.
ESC			Change canceling, window close, return
ENTER			Item selection, change confirmation
▲	▼		Shift in menu, value setting
◀	▶		Shift in menu, orders change Setting value entering (Monitor window only; if control panel is selected as the source).
F1			MENU view – panel functions selection
F2	F3		Softkeys buttons
F4			Help view

2. Display



3. Converter status

	Weak battery in control panel (should be replaced).
	Graph record is running.
	Converter is in error – E, warnings or functional messages indication – W.
	Converter reverse is active.
	Converter is in stop (square), in start (spinning target).
1, 2, 3, 4	Number of active set in converter.

4. Monitor

The basic window displays the selected monitored values after panel start.

	Monitor	Monitor detail
	Monitor detail will be displayed	Monitor will be displayed
	Menu will be displayed	Monitor will be displayed
	Selected value change	

5. Menu -

Panel function selection

	MONITOR	Monitor view (Monitor detail) - Setpoint frequency setting, if control panel is selected as the setting source
	GRAPH	Signal record displaying and controlling.
	SETTING	Converter parameter setting in the tree structure.
	DIAGNOSTICS	The all converter status informations displaying in the tree structure.
	HISTORY	Converter error history displaying (date of occurrence, description), after fault selection, recorded data with the date of error occurrence will be displayed.
	ERRORS	Current error view, their status (persists, subtracting time after error, waiting to confirmation), converter warnings or functional messages.
	SAVE / RECORD	A backup of parameters set creating and their recovery. Backup management.
	DEVICES	The change of converter with which the panel communicates, if the network of converters with one control panel is created. After the restart, the panel tries to connect with the last communicated coverter.
	LANGUAGE	Panel communication language change.
	DISPLAY CONF.	Control panel (brightness, contrast, ...) and diagnostics (supply voltage, battery voltage, ...) setting.

6. Parameter setting

Converter contains 4 sets of parameters.

Control panel offers directly to set up the parameter if the same value is set in the all sets of parameters, or if it is not allowed to change the set above parameter. After parameter change confirmation, the same value is saved to all sets of parameters.





Ramp-up break	
Set 1	47.0Hz
Set 2	50.0Hz
Set 3	50.0Hz
Set 4	50.0Hz

Panel offers parameter settings for each set if different value is set in sets (only if the parameter value is different in at least one set), or if the parameter is marked by pressing F3 - SETS and panel will offer parameter setting for each parameter set.

Currently unavailable parameters are displayed less significantly. After their selection panel shows the possibility of transferring to the parameter, which allows them to make accessible.









Parameters can be of different types and therefore their setting is different.

Command	<p>Grouped function parameter</p> <ul style="list-style-type: none"> - grouping of parameters coming under a common functionality - creates a tree structure <p>- return to higher level </p>
Motor 400/0.12	<p>Command execution</p> <p>- execution must be confirmed by </p>
<p>48.00 (0.00Hz÷48.0Hz)</p>	<p>Setting a numeric value</p> <p>- setpoint value setting </p> <p>- change of adjusted order </p> <p>- value will change after confirmation</p>
<p>turned off <input checked="" type="checkbox"/></p> <p>turned on <input type="checkbox"/></p>	<p>Selection of one item from the list</p> <ul style="list-style-type: none"> - only one item must be always selected - immediately after confirmation change will be applied
<p>IR compensation <input checked="" type="checkbox"/></p> <p>ST controller <input checked="" type="checkbox"/></p>	<p>Multiple options selection</p> <ul style="list-style-type: none"> - any number of items may be selected (zero, one, two,all...) <p>- selected changes are confirmed with , where the panel requires the confirmation</p>
<p>\\MENU\\DIAGNOSTICS\\Control</p> <p>Freq. INV 0.00Hz</p> <p>Freq. RT 0.00Hz</p> <p>Slip freq. 0.00Hz</p>	<p>Parameter type of reference</p> <ul style="list-style-type: none"> - selection of the parameter which affects the selected activity - parameter selection from the tree structure



	<p>- parameter transition in the same level  </p> <p>- move to another level in the tree  </p>
--	--

7. Graph

Is used for record of selected signals

 Start, Stop	Start, stop of the record into the internal memory according the option setting
 Set.	<p>Graph options setting</p> <p>Optimize borders – optimizes graph display to the full screen, according to the current view (once time)</p> <p>Clear graph – the recorded graph will be cleared</p> <p>Graph1, 2 – selection of recorded signals</p> <p>Zoom - displayed range of the graph on the screen</p> <p>Timebase – determines the time, how often is the graph recorded</p> <p>Max. record – calculated the maximum recording time according to the set time base (designated by internal memory)</p> <p>Repetiton– determines whether the oldest samples will begin to overwrite or not after the filling of the storage memory</p>
 Cursor, Record	<p>Record – displays the last recorded signal and allows real-time record tracking</p> <p>Cursor – allows graph analyzing by using the cursor</p>
  Zoom	Look  Set. - Zoom
  Shift	Cursor position change in cursor mode

8. Parameter search

Each parameter has its own unique ID number. In help window (in most of the windows ) is softkey button  - Find ID. After entering the corresponding ID number panel displays the parameter.