



ST2R4

3*400 V transformer controller, two speeds/time

The ST2R4 transformer speed controllers are based on the principle of voltage control with autotransformers. They are applicable to voltage-controllable motors (400 V, 50/60 Hz) to control the rotational speed (of fans, pumps, etc.). With the built-in clock these transformer controllers can work completely autonomously.

When commissioning, two speeds (High and Low) can be selected out of 0-130-170-210-250-290-330-400 V. These High and Low speed operation time ranges can be programmed in the clock together with a range when the motor has to stop (day/week program). Thus permitting a perfect e.g. day/night control.

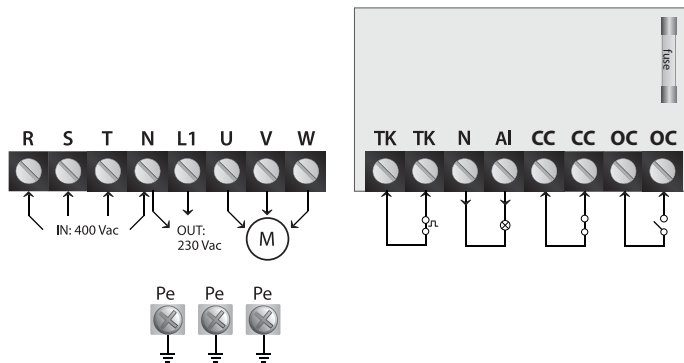
When choosing a controller it is important to know the maximum current intensity consumption on the taps. The indicated maximum current can be taken from each tap.

FEATURES

- 400 VAC - 50/60 Hz
- Enclosure: sheet steel (RAL 7035, polyester powder coating), IP54
- 230 VAC unregulated output
- Motor protection, by connecting thermal (overheating) contacts of the motor
- Alarm output (230 V/1 A) in the event of motor overheating
- 2 run/stop contacts (RT – normally closed, FS – normally open) - (thermostat, frost protection, etc.)
- Ready mounted cable glands
- Maximal ambient temperature: 35 °C

	I _{max} (A)
ST2R4-15L55	1.5
ST2R4-25L55	2.5
ST2R4-40L55	4.0
ST2R4-60L55	6.0
ST2R4-80L55	8.0
ST2R4110L55	11.0

WIRING DIAGRAM

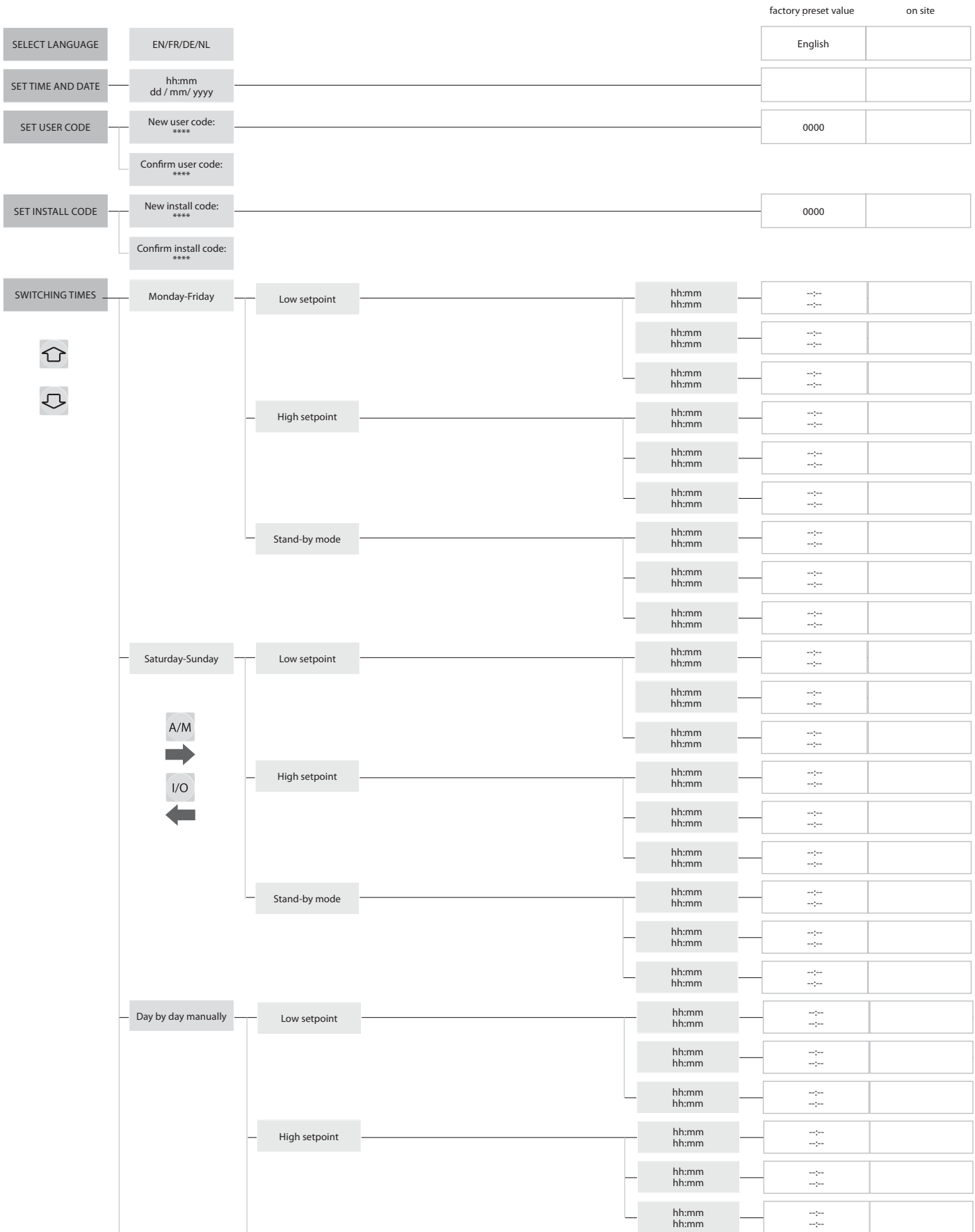


R S T	main supply 400VAC – 50/60 Hz
N	neutral
L1	unregulated output 230 VAC
U V W	regulated output to motor
TK	thermal Contact
N	neutral
AI	output to alarm 230 VAC
CC	contact normally closed
OC	contact normally open
Pe	earth

MENU STRUCTURE

On/Off or ESC/back

Select, push short for Manual mode, push long for Install menu

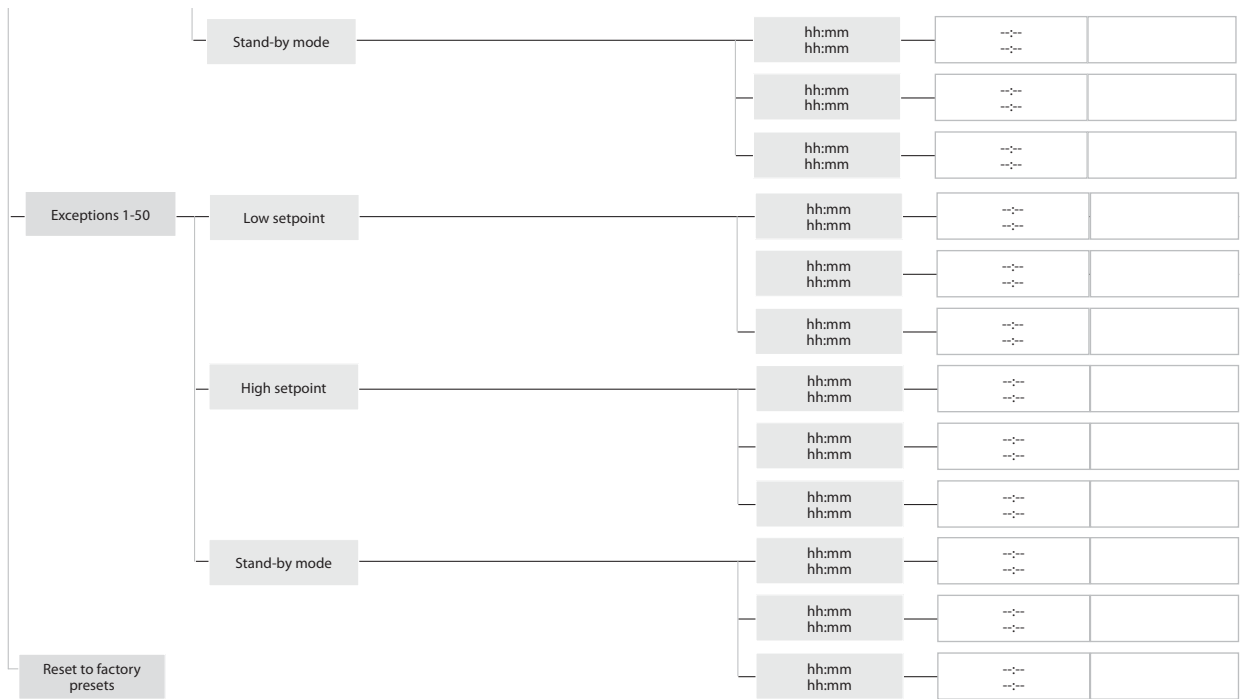


A/M

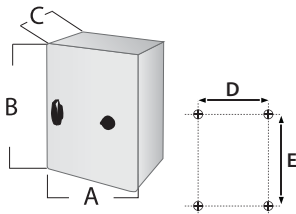


I/O





DIMENSIONS & FIXING



	A	B	C	D	E	net weight	gross weight
ST2R4-15L55	300	325	150	255	255	12.15 kg	12.61 kg
ST2R4-25L55	300	325	150	255	255	13.23 kg	13.69 kg
ST2R4-40L55	300	425	200	255	255	19.98 kg	20.57 kg
ST2R4-60L55	400	430	200	355	355	25.02 kg	25.80 kg
ST2R4-80L55	400	430	200	355	355	29.67 kg	30.45 kg
ST2R4110L55	400	430	200	355	355	36.27 kg	37.05 kg