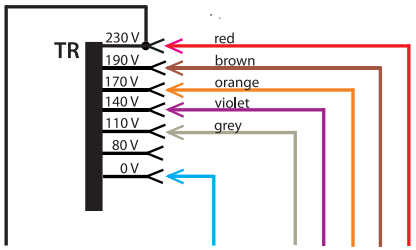
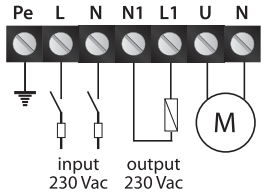
Mech-Elec®



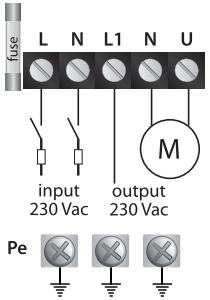
L10 0-80-110-140-170-230 V
H10 0-230-170-140-110-80 V
L15 0-110-140-170-200-230 V
H15 0-230-200-170-140-110 V
L20 0-80-100-120-140-170-230 V
H20 0-230-170-140-120-100-80 V
L22 0-80-110-140-170-190-230 V
H22 0-230-190-170-140-110-80 V

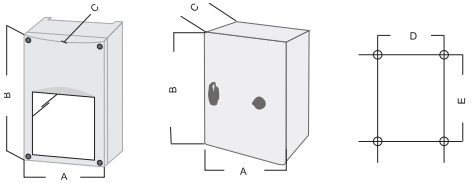
CE According to the low voltage directive: 2006/95/EC / the EMC directive: 2004/108/EC

STR-1-10.10
STR-1-08.22
STR-1-15.22
STR-1-22.22

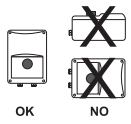


STR-1-35.22
STR-1-50.22
STR-1-75.22
STR-1100.22
STR-1130.22
STR-1160.20
STR-1200.20





	A	B	C	D	E	weight
STR-1-10.10	84	160	88	71	108	1,3 kg
STR-1-08.22	115	205	100	98	140	1,7 kg
STR-1-15.22	115	205	100	98	140	2,1 kg
STR-1-22.22	115	205	100	98	140	2,3 kg
STR-1-35.22	170	255	140	155	194	4,7 kg
STR-1-50.22	170	255	140	155	194	5,5 kg
STR-1-75.22	200	305	140	183	236	8,0 kg
STR-1100.22	300	325	185	255	255	12,9 kg
STR-1130.22	300	325	185	255	255	15,6 kg
STR-1160.20	300	425	235	255	355	18,4 kg
STR-1200.20	300	430	235	255	355	21,0 kg



STR-1
14/01/2010

EN Mounting Instructions

Speed controller for single phase voltage controllable motors.

Technical data

Voltage: 230 Vac - 50/60 Hz

Current range	Fuse
STR-1-10.10: 1,0 A	F T-1,25 A
STR-1-08.22: 0,8 A	F T-1,5 A
STR-1-15.22: 1,5 A	F T-2,0 A
STR-1-22.22: 2,2 A	F T-3,15 A
STR-1-35.22: 3,5 A	F T-5,0 A
STR-1-50.22: 5,0 A	F T-8,0 A
STR-1-75.22: 7,5 A	F T-10,0 A

Enclosure: plastic R-ABS, UL94-V0, grey RAL 7035

STR-1100.22: 10,0 A	F T-16,0 A
STR-1130.22: 13,0 A	F T-20,0 A

Enclosure: Sheet steel 1,5 mm

STR-1160.20: 16,0 A	F T-25,0 A
STR-1200.20: 20,0 A	F T-30,0 A

Enclosure: metal

Recommended prim. fuse: ca 1,5 x Itrafo
Max ambient temperature: 35 °C

These transformer speed controllers are based on the principle of voltage control with auto-transformers. They are applicable to voltage-controllable motors (230 V - 50/60 Hz) to control the speed (of fans, pumps, etc.).

When choosing a controller it is important to know the current intensity consumption on the taps.

Mounting

The controllers are to be mounted on a smooth surface. Connect voltage supply, motor(s) and earth as shown in the scheme with cables of the proper diameter. On the mains side, a safety switch with recommended pre-fuses has to be installed.

Standard configuration is 1: Grey:110, 2: violet:140, 3: orange:170, 4: brown:190, 5: red:230V. Output voltages can be reconfigured by switching the fastons on the PCB.

Transport and stock keeping

Avoid shocks. Stock In original packing. Avoid extreme conditions.

Warranty

Two years from delivery date against defects in manufacturing. Any modifications or alterations to the product relieve the manufacturer of all responsibility.

The manufacturer bears no responsibility for any misprints or mistakes in this data, and modifications or improvements to the product can be made at any time after date of publication.

Maintenance

In normal conditions the controllers are maintenance-free. If soiled clean with dry or dampish cloth. In case of heavy pollution clean with a non-aggressive product. In these circumstances the controller should be disconnected from the mains. Pay attention that no fluids enter the controller. Only reconnect the controller to the mains when it is completely dry.

Motor protection

It is always recommended to install a proper motor protection device.

All works may only be carried out by skilled personnel following the local regulations and AFTER the controller is completely separated from the mains.

Replace fuse only with same type and rating.