



EN Mounting instructions

Speed controller for three phase voltage controllable motors.

Technical data

Voltage	400 Vac - 50/60 Hz
Current range	0,5 A
STRS4-05...	0,5 A
STRS4-12...	1,2 A
Enclosure: plastic R-ABS, UL94-V0, grey RAL 7035	
STRS4-15...	1,5 A
STRS4-20...	2,0 A
STRS4-25...	2,5 A
STRS4-40...	4,0 A
STRS4-60...	6,0 A
STRS4-70...	7,0 A
STRS4-80...	8,0 A
STRS4110...	11,0 A
STRS4140...	14,0 A
STRS4180...	18,0 A
Enclosure: metal	
Recommended prim. fuse	ca 1,5 x Itrafo - slow

These transformer speed controllers are based on the principle of voltage control with autotransformers. They are applicable to voltage-controllable motors (400 Vac, 50/60 Hz) to control the speed (of fans, pumps, etc.).

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

Mounting

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

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

The schemes with TK provide an excellent protection with motors with thermal contacts. These controllers lay a control circuit over the motor windings built-in thermal contact. When these contacts open because of motor overheating, this circuit is broken and the controller instantly stops the motor. There is NO automatic restart !!! After elimination of the cause of the overheating, one can restart by putting the switch in Off-position for a few moments.



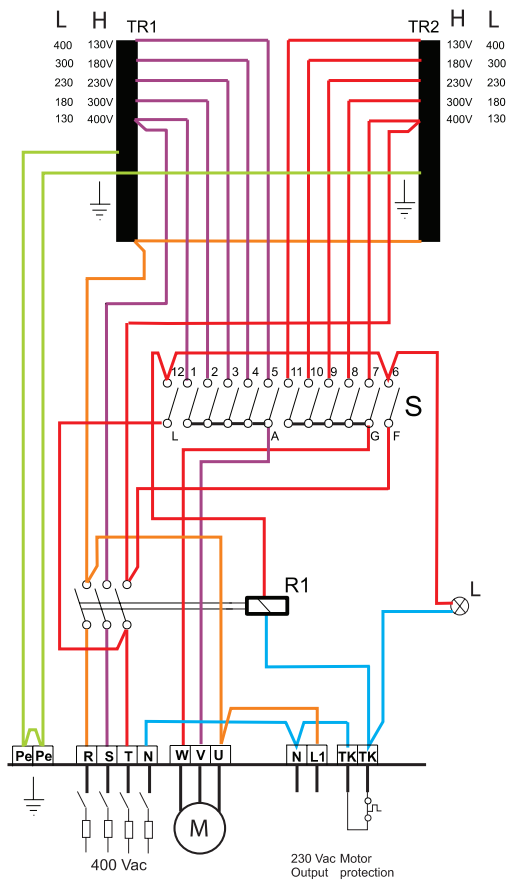
All works may only be carried out by skilled personnel following the local regulations and AFTER the controller is completely separated from the mains.

SWR450

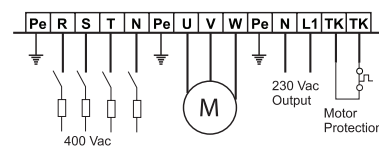
	Position	0	1	2	3	4	5
1-A			•				
2-A				•			
3-A					•		
4-A						•	
5-A							•
6-F		•	•	•	•	•	•
7-G							
8-G				•			
9-G							
10-G						•	
11-G							•
12-L		•					

Normal operation

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



L40: 0-130-180-230-300-400 V
 H40: 400-300-230-180-130-0 V
 L45: 0-170-220-260-300-400 V
 H45: 400-300-260-220-170-0 V
 L50: 0-130-170-220-260-300-400 V
 H50: 400-300-260-220-170-130-0 V



	A	B	C	D	E	weight
STRS4-05...	300	325	175	255	255	11,7 kg
STRS4-12...	300	325	175	255	255	12,8 kg
STRS4-15...	300	325	175	255	255	13,2 kg
STRS4-20...	300	325	175	255	255	13,2 kg
STRS4-25...	300	425	175	255	355	18,2 kg
STRS4-40...	300	425	235	255	355	22,5 kg
STRS4-60...	300	425	235	255	355	26,0 kg
STRS4-70...	300	425	235	255	355	27,7 kg
STRS4-80...	400	430	235	355	355	38,4 kg
STRS4110...	400	430	235	355	355	43,0 kg
STRS4140...	400	530	235	355	455	47,0 kg
STRS4180...	530	400	235	355	455	47,0 kg

