



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

EN Mounting instructions

Speed controller for three phase voltage controllable motors.

Technical data

Voltage : 400 Vac - 50/60 Hz

Current range

| | |
|-------------|--------|
| STR-4-15.40 | 1,5 A |
| STR-4-25.40 | 2,5 A |
| STR-4-40.40 | 4,0 A |
| STR-4-60.40 | 6,0 A |
| STR-4-80.40 | 8,0 A |
| STR-4110.40 | 11,0 A |
| STR-4140.50 | 14,0 A |
| STR-4180.50 | 18,0 A |

Enclosure: sheet steel (RAL 7032, polyester powder coating)

Recommended prim. fuse : ca 1,5 x Itrafo - slow

Max ambient temperature: 35 °C

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.

Mount the controller vertically on a smooth surface. Connect as shown in the scheme with cables of the proper diameter and in accordance with the 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

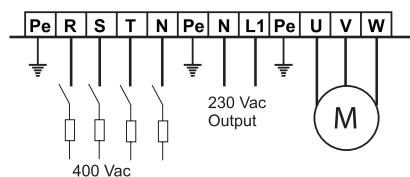
In normal conditions the controllers are maintenance-free. If soiled clean with dry or dampish cloth. In case of heavy pollution clean with a non-aggressive product. In these circumstances the controller should be disconnected from the mains. Pay attention that no fluids enter the controller. Only reconnect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

Motor protection

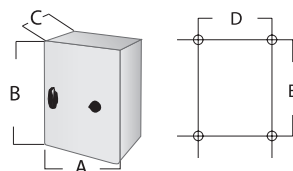
It is always recommended to install a proper motor protection device.



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



L40: 0 -130-180-230-300-400 V
H40: 400-300-230-180-130-0 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 |
|-------------|-----|-----|-----|-----|-----|---------|
| STR-4-15.40 | 300 | 325 | 185 | 255 | 255 | 11,6 kg |
| STR-4-25.40 | 300 | 325 | 185 | 255 | 255 | 13,0 kg |
| STR-4-40.40 | 400 | 425 | 185 | 255 | 355 | 18,2 kg |
| STR-4-60.40 | 400 | 425 | 235 | 255 | 355 | 22,3 kg |
| STR-4-80.40 | 400 | 425 | 235 | 255 | 355 | 27,2 kg |
| STR-4110.40 | 400 | 430 | 235 | 355 | 355 | 38,0 kg |
| STR-4140.50 | 400 | 430 | 235 | 355 | 355 | 43,0 kg |
| STR-4180.50 | 400 | 530 | 235 | 355 | 455 | 47,0 kg |