



## EN Mounting instructions

Speed controller for single phase voltage controllable motors

### Technical data

Voltage: 230 Vac - 50 Hz

Current range	Fuse
MTY/MTX0 (MTY/MTX-0-05-AT): 0,05-0,5 A	F 630 mA - H
MTY/MTX1 (MTY/MTX-0-10-AT): 0,1-1,0 A	F 1,25 A - H
MTY/MTX15 (MTY/MTX-0-15-AT): 0,1-1,5 A	F 2,0 A - H
MTY/MTX2 (MTY/MTX-0-20-AT): 0,2-2,0 A	F 2,5 A - H
MTY/MTX25 (MTY/MTX-0-25-AT): 0,2-2,5 A	F 3,15 A - H
MTY/MTX4 (MTY/MTX-0-40-AT): 0,4-4,0 A	F 5,0 A - H

Enclosure external: plastic, ASA, RAL 9010 white-ivory

Enclosure internal: polyamide According to IEC 60335

Max ambient temperature: 35 °C

### Inset mounting (IP 44). MTY 4 only for surface mounting.

Break mains voltage. Connect according to diagram. Mount innercase to the wall with connections pointing down. Turn on mains voltage and controller. Adjust min. speed and turn off controller. Mount cover with nut to the wall. Push knob in place at off position.

### Surface mounting (IP 54)

Break mains voltage. Mount surface mounting case to the wall together with included grommets. Connect according to diagram. Mount inner case in surface mounting case with included screws. Turn on mains voltage and controller. Adjust min. speed and turn off controller. Mount cover with nut to surface mounting case. Push knob in place at off position. When needed a 5 mm hole for condensation water is to be drilled at the bottom of the surface mounting case.

### Adjustment

Note! Trimmer (MIN) is adjusted so that the motor does not stop due to variations of mains voltage and that it restarts after power failure. (↓ conn. 2 ): Extra connection to, for example, damper or use as inlet to the controller without bypassing breaker of turning knob.

### Connections (fig.)

1. Mains connection : 230 V - 50 Hz
2. Fuse-box with spare fuse. (Fast, ceramic)
3. Regulated output to motor
4. Not regulated output 230 V, or as inlet to controller without bypassing breaker of turning knob

### Type of motor

The controller is only to be used together with fans that are suitable for speed control. The motor used should be internally protected against over heating.

### In case of faulty operation

Please check that: Right voltage is applied. All connections are correct. The machine to be regulated is functioning. The fuse in fusebox is OK. The fuse in the controller is OK.

### Change of fuse

Undo knob by first turning the knob to the right beyond end stop and then pull. Remove the nut. Remove fuse holder with a screwdriver. Change fuse. Put the details back in place. Use only recommended fuses ( Approved, fast, with high breaking capacity ) otherwise loss of warranty will ensue.

### 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.

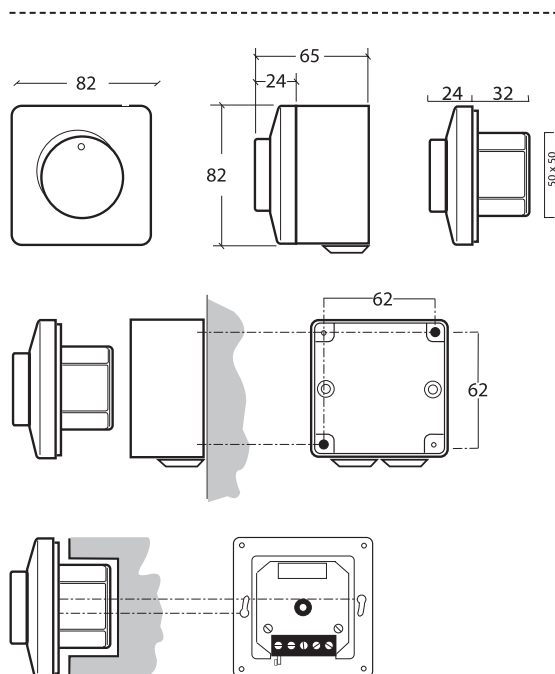
### Maintenance

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.

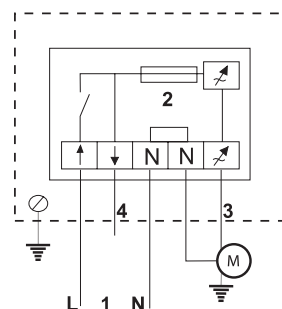


**All works may only be carried out by skilled personnel following the local regulations and AFTER the controller is completely separated from the mains.**

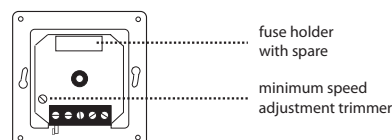
**Replace fuse only with same type and rating.**



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



1. Mains connection: 230 Vac, 50 Hz
3. Regulated output to motor
4. \* 230 Vac not regulated output for connecting lamp, valve, dampers ... or three wire motor connection; branched off after switch (Imax: 2A)  
\* input: to bypass switch



	net weight	gross weight
MTX/MTY0	175 gr	200 gr
MTX/MTY1	210 gr	235 gr
MTX/MTY15	210 gr	235 gr
MTX/MTY2	210 gr	235 gr
MTX/MTY25	215 gr	240 gr
MTX/MTY4	300 gr	325 gr