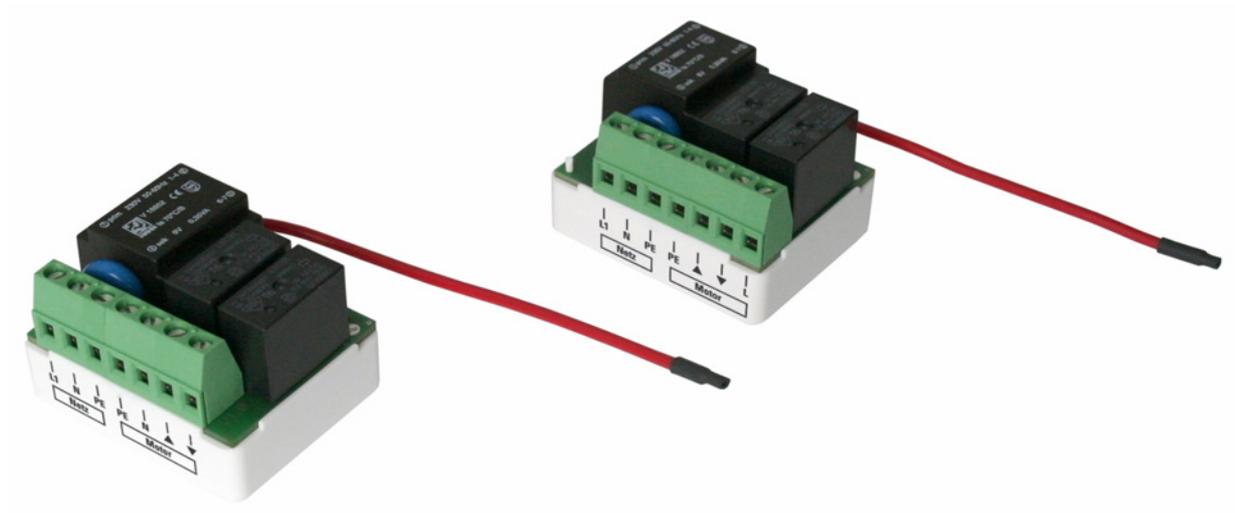


RF-MSG and RF-MSG-PF

Radio motor control unit for WS1000 Color
(Version 1.20 onwards)



Technical specifications and installation instructions

Product description

RF-MSG and RF-MSG-PF are radio controlled motor control units for WS1000 Color, WS1 Color and KNX WS1000 Color control units. A drive (e.g. shade or window) can be connected to the control units.

Drives connected to RF-MSG and RF-MSG-PF can also be operated directly with the Remo 8 radio remote control (without an additional control unit).

Functions:

- 1 connection for 230 V drive
 - RF-MSG:** with potential
 - RF-MSG-PF:** potential-free
- Reception of the control signal via radio

Safety advice

If the wireless connection between the control unit and the RF-MSG is interrupted, connected devices can no longer be operated. For that reason do not connect drives to RF-MSGs which could be hazardous to human life!



Technical specifications

RF-MSG

Installation:	Mounting
Protection rating:	IP 20
Dimensions:	approx. 38 x 47 x 29 (W x H x D, mm, plus flexible antenna)
Weight:	approx. 60 g
Ambient temperature:	Operation -20...+70°C, Storage -55...+90°C
Ambient air humidity:	max. 95% rH, avoid condensation
Operating voltage:	230 V AC
Input:	Operating voltage (Mains L1/N/PE)
Output:	1 x Drive 230 V (PE/N/Up/Down), loadable with max. 4 A / 230 V AC
Radio frequency:	868.2 MHz

RF-MSG-PF

Installation:	Mounting
Protection rating:	IP 20
Dimensions:	approx. 38 x 47 x 29 (W x H x D, mm, plus flexible antenna)
Weight:	approx. 60 g
Ambient temperature:	Operation -20...+70 °C, Storage -55...+90°C
Ambient air humidity:	max. 95% rH, avoid condensation
Operating voltage:	230 V AC
Input:	Operating voltage (Mains L1/N/PE)
Output:	1 × Drive 230 V (Up/Down/L), potential-free, loadable with max. 4 A / 230 V AC
Radio frequency:	868.2 MHz

Teaching the radio connection

Please teach each RF-MSG separately!

If several motor control units are going to be operated from one supply cable, it is an advantage to teach the RF-MSG *before* the installation.

1. Put the control unit/remote control into the teaching mode (observe the corresponding manual/data sheet).
2. Activate the RF-MSG voltage supply. The motor control unit learns a connection to the control unit/remote control on its own 3 seconds after the mains voltage is applied. **Only one motor control unit can be recognised at a time.**
3. Note the feedback from the control unit ("Teaching completed").

If additional RF-MSGs are to be taught, repeat the teaching procedure.

Installation instructions

Warning, mains voltage!
National legal regulations are to be observed.



Installation, testing, commissioning and troubleshooting of the RF-MSG may only be carried out by a qualified electrician. Make sure that all cables to be installed are de-energised and take safety precautions against unintended re-activation.

The RF-MSGs are intended exclusively for their designated use. If used inappropriately or if the operating instructions are disregarded, any guarantee or warranty claim expires.

After being unpacked, the device must be immediately be checked for any possible mechanical damage. The supplier shall be immediately notified in the event of any transport damage.

The RF-MSGs must not be used if damaged.



If it is assumed that danger-free operation can no longer be guaranteed, the device must be taken out of service and secured against unintended operation.

The RF-MSGs may only be operated as a fixed installation, meaning in a built-in condition and upon completion of all installation and commissioning work, and solely in its intended environment.

Elsner Elektronik shall not be liable for any changes to norms or standards after the publication of these operating instructions.