TIME PROGRAMMING

❶ Press PROG push-button of RWG-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button. Wait (for about 5 seconds) till LED red diode switches on (first signal pulsates, next the signal is constant).
❷ Press PROG push-button of RWG-01 device and then release it. LED red diode switches off and then switches on (signal pulsates). Every LED diode pulse equals 1 second.
❸ After the adjusted time is finished (the number of LED red diode flashes) press PROG push-button and then release it - TIME IS ADDED.
Maximum time is 18 hours.

RADIO TRANSMITTERS DELETION

❶ Press PROG push-button of RWG-01 device for a longer time.
❷ After 5 seconds LED red diode switches on (signal pulsates) and then it switches off.
❸ Release the push-button in RWG-01 - MEMORY IS DELETED.

OPERATION RANGE

Symbol	ROP-01	ROP-02	ROB-01	SRP-02	SRP-03	RWG-01	RWL-01	ROM-01	ROM-10	RDP-01	RTN-01
RNK-02	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
RNK-04	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
P-256/8	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m
P-257/4 (2)	180 m	200 m	200 m	200 m	200 m	250 m	180 m	250 m	250 m	180 m	250 m
RNM-10	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m
RNP-01	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RNP-02	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RNL-01	160 m	180 m	180 m	no*	no*	200 m	160 m	200 m	200 m	160 m	200 m
RTN-01	200 m	200 m	200 m	200 m	200 m	250 m	200 m	250 m	250 m	200 m	250 m
RCR-01	160 m	180 m	180 m	no*	no*	200 m	160 m	200 m	200 m	160 m	200 m
RTI-01	160 m	180 m	180 m	180 m	180 m	200 m	160 m	200 m	200 m	160 m	200 m
RXM-01	230 m	250 m	250 m	250 m	250 m	300 m	200 m	300 m	300 m	230 m	300 m

* - 1-channel transmitters do not cooperate with roller blind controllers

CAUTION: The given range concerns open area - an ideal condition without any natural or artificial obstacles. If there are some obstacles between a transmitter and a receiver, it is advisable to decrease the range according to: wood and plaster: from 5 to 20%, bricks: from 10 to 40%, reinforced concrete: from 40 to 80%, metal: from 90 to 100%, glass: from 10 to 20%, Over- and underground medium and high electrical power lines, radio and television transmitters, GSM transmitters set close to a device system have also a negative influence on the range.

REMOTE CONTROL SOCKET
RWG-01

TECHNICAL DATA

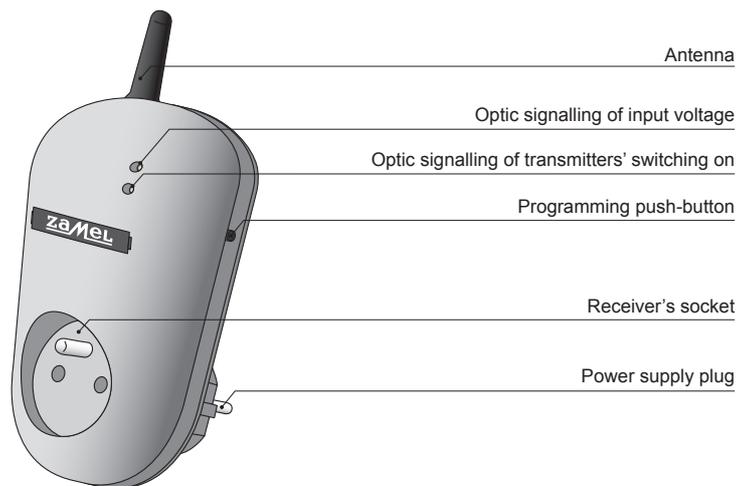|	
Input rated voltage:	230 V AC
Input voltage tolerance:	-15 ÷ +10 %
Nominal frequency:	50 / 60 Hz
Nominal power consumption:	0,29 W
Optic signalling of supply voltage:	LED green diode
Number of operation modes:	5
Number of channels:	1
Transmission:	radio 868,32 MHz
Coding way:	unidirectional
Coding:	addressing transmission
Maximum number of transmitters:	32
Range:	up to 300 m in the open area
Time adjustment:	1 s ÷ 18 h (every second)
Optic signalling of device operation:	LED red diode
Relay contact parameters:	1NO 16A / 250V AC AC1 4000 VA
Ambient temperature range:	-10 ÷ +55 °C
Operating position:	free
Casing mounting:	230 V AC socket
Casing protection degree:	IP20 (PN-EN 60529)
Protection level:	II
Overvoltage category:	II
Pollution degree:	2
Surge voltage:	1 kV (PN-EN 61000-4-5)
Dimensions:	160 x 66 x 90 mm
Weight:	0,160 kg
Reference standard:	PN-EN 60669, PN-EN 60950, PN-EN 61000

DESCRIPTION

Remote control socket RWG-01 is used to connect any 230 V AC receiver of 4000 VA and to wireless control by means of different EXTA FREE system transmitters. The device can be mounted without any additional tools or interference in existing wiring - it is directly mounted to 230 V AC socket.

FEATURES

- Cooperation with wireless EXTA FREE system transmitters (it is obligatory to purchase it separately),
- lighting, heating control and other receivers control,
- easy mounting in 230V AC socket,
- five operation modes: switching on mode, switching off, monostable, bistable, time (switch off delay),
- wide range of operation (up to 300 m),
- radio transmission and relay status are optically signalled,
- low current consumption, possibility of constant work
- possibility of widening operation range by means of RTN-01 retransmitter.

APPEARANCE

Antenna

Optic signalling of input voltage

Optic signalling of transmitters' switching on

Programming push-button

Receiver's socket

Power supply plug

RADIO TRANSMITTERS PROGRAMMING

MONOSTABLE mode:
❶ Press transmitter's push-button for a longer time.
❷ Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
❸ Release transmitter's push-button. LED red diode switches on (first signal pulsates, next the signal is constant).
❹ Press the same transmitter's push-button and release it. LED red diode switches on (the signal pulsates) and next it switches off - THE TRANSMITTER IS ADDED.

BISTABLE mode:
❶ Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
❷ Press the transmitter's push-button for a longer time. LED red diode switches on (first signal pulsates, next the signal is constant).
❸ Release transmitter's push-button. LED red diode switches on (the signal pulsates), next the LED red diode switches off - it means the TRANSMITTER IS ADDED.

SWITCH ON/SWITCH OFF mode (two push-buttons):
❶ Press PROG push-button of RWG-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
❷ Press and release transmitter's first push-button. LED red diode switches on (first signal pulsates, next the signal is constant).
❸ Press and release the second transmitter's push-button. LED red diode switches on (the signal pulsates) and next it switches off - THE TRANSMITTER IS ADDED.

TIME mode (one push-button):
❶ Press PROG push-button of RWG-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button.
❷ Press the transmitter's push-button and then release it. LED red diode switches on (first signal pulsates, next the signal is constant).
❸ Press and release the same transmitter's push-button. LED red diode switches on (signal pulsates) and then switches off - THE TRANSMITTER IS ADDED.

An exemplary programming procedure with the use of P-257/2 remote controller. The procedure for the rest of radio EXTA FREE transmitters is analogous. **CAUTION: Every transmitter can cooperate with RWG-01 in a different mode, depending on how they were added to the device. One transmitter can be added during one programming cycle. Full memory is signalled with pulsating LED red diode.**

OPERATION

The device can operate in five modes:

MONOSTABLE the relay operates only while pressing transmitter's push-button.

BISTABLE (one push-button) the device changes relay status cyclically always after pressing the same push-button.

SWITCH ON the device switches on after pressing the push-button.

SWITCH OFF the device switches off after pressing the push-button.

TIME the device switches off according to the adjusted time (tp), but it may be switched off before adjusted time finishes. Default settings - 15 seconds.

CAUTION! Adjusted time cannot be deleted.