

RADIO CONTROL SET

RJ-314 E/x (1 button)

TIME PROGRAMMING

- 1 Press PROG push-button of **DJ-01i** /ROP-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 diode switches ON (first signal pulsates, next the signal will constant).
- 2 Press PROG push-button of ROP-01 device and then release it. LED red diode switches off and then switches on (signal pulsates). Every LED diode pulse equals 1 second.
- 3 After the adjusted time is finished (the number of LED red diode flashes) press PROG push-button and then release it - TIME IS ADDED.

RADIO TRANSMITTERS DELETION

- 1 Press PROG push-button of **DJ-01i** /ROP-01 device for a longer time.
- 2 After 5 seconds LED red diode switches on (signal pulsates) and then it switches off.
- 3 Release the push-button in **DJ-01i** /ROP-01 - MEMORY IS DELETED.

TECHNICAL DATA

	DJ-01s /RNK-02	DJ-01i /ROP-01
Input (supply) terminals:	-	L, N
Input rated voltage:	3 V DC (battery CR2032)	230 V AC
Battery longlife:	3 ÷ 5 years	-
Input voltage tolerance:	-	-15 ÷ +10 %
Nominal frequency:	-	50 / 60 Hz
Nominal power consumption:	-	0,29 W
Number of operation modes:	-	5
Number of channels:	2	1
Transmission:	radio 868,32 MHz	
Transmission way:	unidirectional	
Coding:	addressing transmission	
Maximum number of transmitters:	-	32
Range:	180m	180m
Time adjustment:	-	1 s ÷ 18 val. (kas 1 s)

Optical signalling of transmitter's operation:	red LED diode	
Relay output clamps:	-	12,11,14
Relay contacts parameters:	-	5A, 250V AC/1250 VA, 750W
Number of terminal clamps:	-	5
Section of connecting cables:	-	> 2,5 mm ²
Ambient temperature range:	-10 ÷ +55 °C	
Operating position:	free	
Casing mounting:	woodscrews our double fixing tape	junction box Ø 60 mm
Casing protection degree:	IP20 (EN 60529)	
Protection level:	III	II
Overvoltage category:	-	II
Pollution degree:	2	
Surge voltage:	-	1 kV (EN 61000-4-5)
Dimensions:	90 x 80 x 11,5 mm	47,5 x 47,5 x 20 mm
Weight:	0,038 kg	0,043 kg
Reference standard:	PN-ETSI EN 300 220-1, PN-ETSI EN 300 220-2	PN-EN 60669, PN-EN 60950, PN-EN 61000

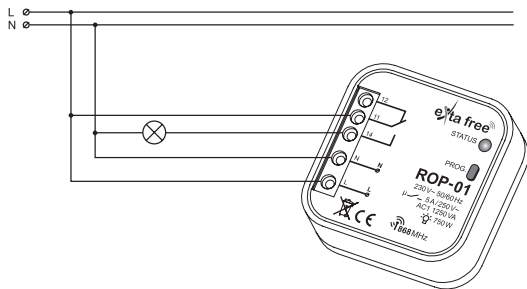
COOPERATION AND OPERATION RANGE

	DJ-01i	ROP-02	ROB-01	SRP-02	SRP-03	RWG-01	RWL-01	ROM-01	ROM-10	RDP-01	RTN-01
DJ-01s	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	brak*	brak*	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
RRCR-01	160 m	180 m	180 m	brak*	brak*	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 blinds 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 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

CONNECTION



MOUNTING

- 1 Disconnect power supply by the phase fuse, the circuit-breaker or the switch-disconnector combined to the proper circuit.
- 2 **Check if there is no voltage on connection cables by means of a special measure equipment.**
- 3 Connect the cables with the terminals in accordance with the installing diagram.
- 4 Install DJ-01i/ROP-01 device in installation cable box.
- 5 Switch on the power supply from the mains.

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 (t_p), but it may be switched off before adjusted time finishes. Default settings - 15 seconds.

CAUTION! Adjusted time can not be deleted.

RADIO TRANSMITTERS PROGRAMMING

MONOSTABLE mode:

- 1 Press transmitter's push-button for a longer time.
- 2 Press PROG push-button of DJ-01i/ROP-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- 3 Release transmitter's push-button. LED red diode switches on (first signal pulsates, next the signal is constant).
- 4 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:

- 1 Press PROG push-button of DJ-01i/ROP-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- 2 Press the transmitter's push-button for a longer time. LED red diode switches on (first signal pulsates, next the signal is constant).
- 3 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):

- 1 Press PROG push-button of DJ-01i/ROP-01 device for a longer time until LED red diode switches on (constant signal). Next release PROG push-button.
- 2 Press and release transmitter's pushbutton. LED red diode switches on (first signal pulsates, next the signal is constant).
- 3 Press and release the same 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)

- 1 Press PROG push-button of DJ-01i/ROP-01 device for a longer time till LED red diode switches on (constant signal). Next release PROG push-button.
- 2 Press and release transmitter's pushbutton. LED red diode switches on (the signal pulsates, next the signal is constant).
- 3 Press and release the same transmitter's push-button. LED red diode switches on (the signal pulsates) and next it switches off - THE TRANSMITTER IS ADDED.

The procedure for the rest of radio EXTA FREE transmitters is analogous.

CAUTION: Every transmitter can cooperate with DJ-01i/ROP-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.

more information in web site: www.liregus.lt

