



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



iNELS

RF Control

02-12/2018 Rev.0

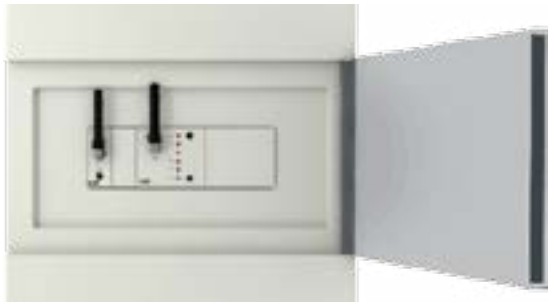
Characteristics / Karakteristike

- Thanks to the 6-channel design of the switching component it can control the heating / cooling mode and with 3 speeds, the RE6 output channel can be used to control appliances, sockets or lights.
- The RFSA-166M wireless switching component can be combined with the RFTC-150/G.
- Up to 25 detectors RFWD-100 can be assigned to the switching component.
- The RFWD-100 can be assigned to the RFSA-166M using the PRG button.
- Output Channel RE6:
 - Up to 25 channels can be controlled (1 channel represents one button on the controller).
 - can be combined with detectors, controllers or system components of iNELS RF Control.
 - Function: button, pulse relay and delayed start or return time functions with 2s-60min time setting.
 - Memory status is retained in the event of a power failure.
 - The PRG6 programming button on the component also serves as manual control of the RE6 output.
- The package includes an internal antenna AN-I, in case of locating the element in a metal switchboard, you can use the external antenna AN-E for better signal reception.
- Range up to 100 m (in open space), if the signal is insufficient, use the signal repeater RFRP-20 or protocol component RFIO² that support this feature.
- For components it is possible to set the repeater function via the RFAF/USB service device.
- Communication frequency with bidirectional protocol iNELS RF Control² (RFIO²).

- Zahvaljujući 6-kanalnom dizajnu prekidačka jedinica kontroliše grejanje i hlađenje sa 3 nivoa brzine, RE6 izlazni kanal se može koristiti za kontrolu osvetljenja, utičnica, itd.
- RFSA-166M bežična prekidačka jedinica može se kombinovati sa RFTC-150/G.
- Prekidačkoj jedinici može se dodeliti do 25 detektora RFWD-100
- RFWD-100 može se dodeliti RFSA-166M pomoću PROG tastera.
- Izlazni kanal RE6:
 - može se kontrolisati do 25 kanala, može se kombinovati sa detektorima, kontrolerima ili komponentama iNELS RF kontrole sistema.- Ize jej kombinovat s Detektory, Ovladači nebo Systémovými prvky iNELS RF Control.
 - funkcije: taster, impulzni relej i odloženo startno i povratno vreme za 2 s -60 min vremensko podešavanje.
 - mogućnost podešavanja statusa memorije u slučaju nestanka struje.
 - Taster za programiranje PRG6 na jedinici takođe služi kao ručna kontrola RE6 izlaza.
- Paket uključuje unutrašnju antenu AN-I, u slučaju da se pretvarač nalazi u metalnoj razvodnoj tabli, možete koristiti spoljnu antenu AN-E za bolji prijem signala.
- Za elemente označene kao iNELS RF Control² (RFIO²), moguće je podesiti funkciju repetitora putem RFAF / USB servisnog uređaja.
- Domet do 100 m (na otvorenom), ako je signal slab između kontrolera i jedinice, koristiti ponavljač signala RFRP-20 ili komponentu protokola RFIO² koja podržava ovaj sistem.
- Frekvencija komunikacije sa dvosmernim protokolom iNELS RF Control² (RFIO²).

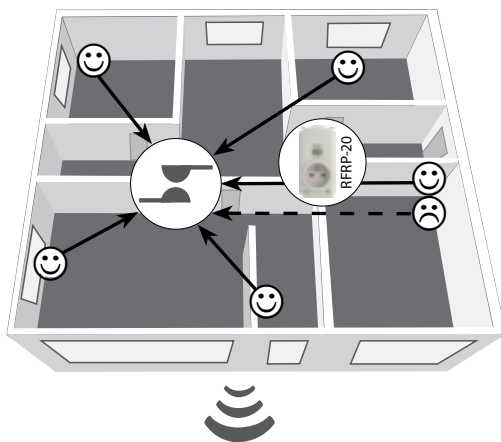
Assembly / Montaža

mounting into switchboard /montaža u ormar

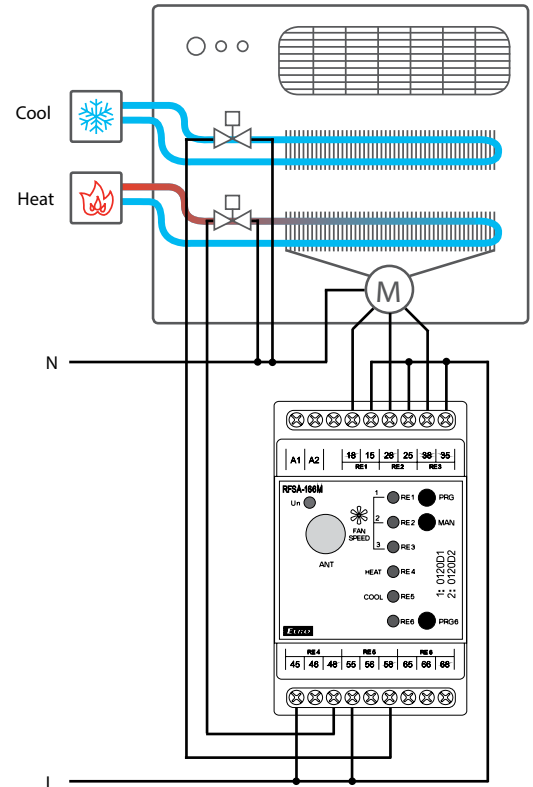


Radio frequency signal penetration through various construction materials /

Prenos radio frekvencijskih signala preko različitih građevinskih materijala



Connection / Konekcija



60 - 90 %	80 - 95 %	20 - 60 %	0 - 10 %	80 - 90 %
brickwalls	wooden structures with plaster boards	reinforced concrete	metalpartitions	commonglass
zid od cigle	drvena konstrukcija sa gipsanim pločama	armirani beton	metalne pregrade	staklo



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora

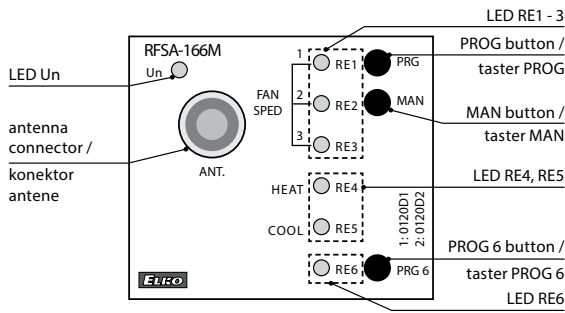


iNELS

RF Control

02-12/2018 Rev.0

Indication, manual control / Indikacije i ručna kontrola



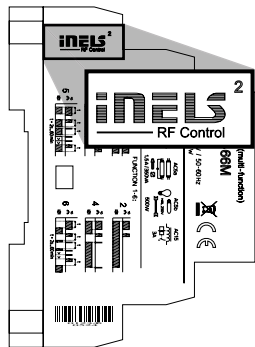
- LED Un - green - power supply indication.
- Fan coil Function:
 - LED RE1 - 3 - red - indication of fan speed.
 - LED RE4, RE5 - red - heating / cooling indication.
 - Programming the Fan coil function with the RFWD-100 detector is performed by pressing the PROG button for more than 1s.
 - Pressing <1s of the MAN button allows you to check the wiring and function test.
- Function Switching component:
 - RE6 LED - Channel status indication
- Indication of the memory function:
 - On - LED blinks 3x.
 - Off - The LED lights up once for a long time.
- Manually control the RE6 channel by pressing PROG6 <1s.
- You can program the RE6 channel by pressing PROG6 > 1s.

- LED Un - zelena - indikacija napona napajanja.
- Funkcija ventilatora:
 - LED RE1 - 3 - crvena - indikacija brzine ventilatora.
 - LED RE4, RE5 - crvena - indikacija grejanja / hlađenja.
 - Programiranje funkcije ventilatora pomoću RFWD-100 detektora vrši se pritiskom na taster PROG > 1s.
 - Možete da proverite vezu i testirate funkciju pritiskom na taster <1s MAN.
- Funkcija preklopnog elementa:
 - LED RE6 - crvena - indikacija statusa kanala
- Indikacija funkcije memorije:
 - uključeno - LED trepće 3 puta.
 - isključeno - LED svetli jednom duže vreme.
- Ručno upravljanje kanalom RE6 vrši se pritiskom na taster PROG6 <1s.
- Programiranje RE6 kanala vrši se pritiskom na taster PROG6 > 1s.

In the programming and setting mode, the LED on the component simultaneously illuminates each time the button is pressed- indicating the reception of the command.

U režimu programiranja i brisanja, svaki put kada se pritisne dugme na kontroleru, LED na elementu dugo svetli - to znači da je komanda primljena.

Compatibility / Kompatilnost



The device can be combined with all system components, controls and devices of iNELS RF Control and iNELS RF Control². The detector can be assigned an iNELS RF Control² (RFIO²) communication protocol.

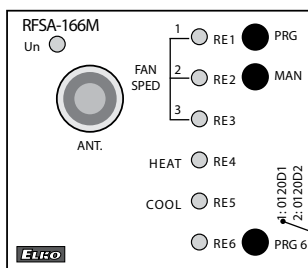
Element se može kombinovati sa svim sistemskim elementima, kontrolerima i elementima sistema iNELS RF Control i iNELS RF Control². Detektori obeleženi komunikacijskim protokolom iNELS RF Control² (RFIO²) takođe se mogu dodeliti elementu.

Fan coil Function / Funkcije ventilatora

RFCT-150/G, senses the room temperature via the built-in temperature sensor. On the basis of this set program, it sends an RFSA-166M command that switches the heating/air conditioning on/off. Upon opening the window / door, the RFSA-166M immediately responds to the command of any assigned RFWD-100 detector - shuts down the heating / air conditioning.

RFCT-150 / G meri sobnu temperaturu pomoću ugrađenog temperaturnog senzora. Na osnovu postavljenog programa, on šalje komandu elementu RFSA-166M, koji uključuje grejanje / klimatizaciju. Kada se prozor / vrata otvore, RFSA-166M odmah reaguje na komandu bilo kog dodeljenog RFVD-100 detektora - isključuje grejanje / klimatizaciju.

Programming RFSA-166M with RFCT-150/G / Programiranje RFSA-166M sa RFCT-150 / G elementom



For programming with the RFCT-150/G component, the address 1 shown on the front of the component is the address. Refer to the RFCT-150/G manual for programming.

Adresa 1 na prednjoj strani elementa koristi se za programiranje sa RFCT-150 / G elementom. Pogledajte priručnik RFCT-150 / G za postupak programiranja.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



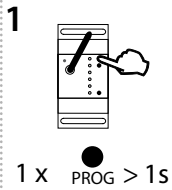
INEL

RF Control

02-12/2018 Rev.0

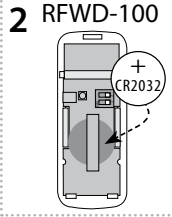
RFSA-166M programming with RFWD-100 detector /

Programiranje RFSA-166M sa RFVD-100 detektorom



Press of programming button on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

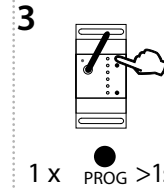
Pritiskom na taster za programiranje na elementu RFSA-166M tokom 1 sekunde, element se prebacuje u režim programiranja. LED lampica trepće u intervalima od 1 sekunde.



2 RFWD-100

Insert the battery into the detector (see the detector manual). The LED on the RFSA-166M illuminates long indicating the reception of the signal, the detector is stored in the RFSA-166M memory.

Postavite bateriju u detektor (pogledajte priručnik za detektor). LED na RFSA-166M dugo svetli - to ukazuje na to da je signal primljen, detektor je sačuvan u RFSA-166M memoriji.



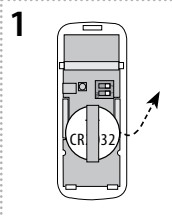
3

Press of programming button on receiver RFSA-166M shorter than 1 second will finish programming mode, LED switches off.

Pritiskom na taster za programiranje na RFSA-166M kraćim od 1 sekunde prekida se režim programiranja, LED se gasi.

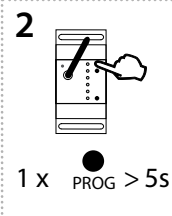
Delete actuator / Brisanje elementa

Deleting one position of the detector / Brisanje jednog položaja detektora



Remove the battery from the detector you want to clear from the memory of the component.

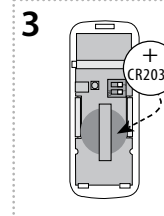
Izvadite bateriju iz detektora koju želite da očistite iz memorije elementa.



2

By pressing the programming button on the actuator for 5 seconds, deletion activates. LED flashes 4x in each 1s interval.

Pritiskom na taster za programiranje na RFSA-166M tokom 5 sekundi aktivira se brisanje. LED trepće 4 puta u intervalima od 1 sekunde.



3

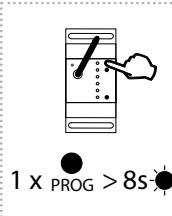
By inserting the battery into the detector, it clears the component's memory.

To confirm deleting, the LED will flash long and the element returns to the operating mode.

Postavljanje baterije u detektor briše se iz memorije elementa.

Da bi potvrdio brisanje, LED lampica trepće dugo vremena i element se vraća u režim rada.

Deleting the entire memory / Brisanje cele memorije



By pressing the programming button on the actuator for 8 seconds, deletion occurs of the actuator's entire memory. LED flashes 4x in each 1s interval. The actuator goes into the programming mode, the LED flashes in 0.5s intervals (max. 4 min.). You can return to the operating mode by pressing the Prog button for less than 1s.

Pritiskom na taster za programiranje na RFSA-166M tokom 8 sekundi briše se celokupna memorija elementa. LED trepće 4 puta u intervalima od jedne sekunde.

Element se prebacuje u režim programiranja, LED treperi u intervalima od 0,5s (maks. 4min.).

Da biste se vratili u režim rada, pritisnite dugme Prog manje od 1 sekunde.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



INEL

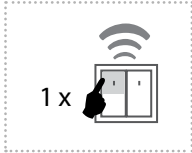
RF Control

02-12/2018 Rev.0

Functions Switching component (RF functions and programming control) / Element za prebacivanje funkcija (funkcije i programiranje pomoću RF kontrolera)

Function button / Funkcija taster

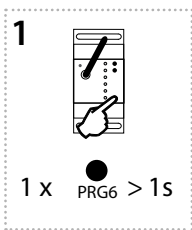
Description of button / Opis funkcije taster



The output contact will be closed by pressing the button and opened by releasing the button.

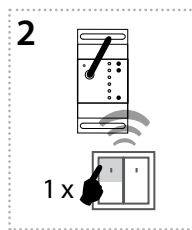
Izlazni kontakt zatvara se pritiskom na taster, otvara se otpuštanjem tastera.

Programming / Programiranje



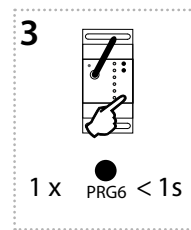
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na programsko taster PRG6 na RF elementu RFSA-166M tokom 1 s element se prebacuje u režim programiranja. LED lampica trepće u intervalima od 1 sekunde.



Select and press one button on wireless switch, to this button will be assigned function Button.

Pritiskom na taster po vašem izboru na RF kontroleru tasteru dodeljuje funkciju.

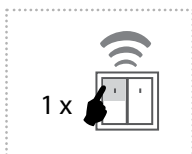


Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na elementu RFSA-166M kraćim od 1 sekunde završava se režim programiranja, LED svetli u skladu sa podešenom funkcijom memorije.

Function switch on / Funkcija uključivanja

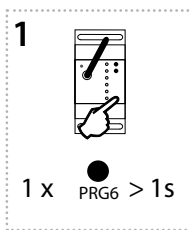
Description of switch on / Opis funkcije uključivanja



The output contact will be closed by pressing the button.

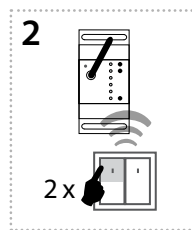
Izlazni kontakt zatvara se pritiskom na taster.

Programming / Programiranje



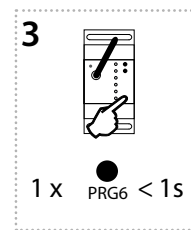
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na programsko taster PRG6 na RF elementu RFSA-166M tokom 1 s element se prebacuje u režim programiranja. LED lampica trepće u intervalima od 1 sekunde.



Two presses of your selected button on the RF transmitter assigns the function switch on (must be a lapse of 1s between individual presses).

Pritiskom 2x na taster po vašem izboru na RF kontroleru dodeljuje se funkcija (između svakog pritiska tastera mora biti razmak od 1s).

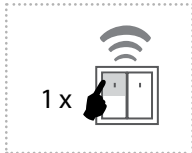


Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na RFSA-166M kraćim od 1 sekunde završava se režim programiranja. LED svetli u skladu sa podešenom funkcijom memorije.

Function switch off / Funkcija isključivanja

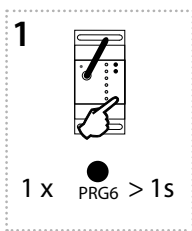
Description of switch off / Opis funkcije isključivanja



The output contact will be opened by pressing the button.

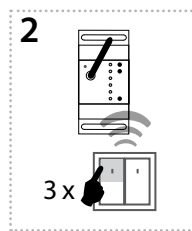
Izlazni kontakt se otvara pritiskom na taster.

Programming / Programiranje



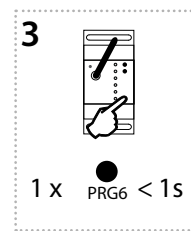
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na programsko taster PRG6 na RF elementu RFSA-166M tokom 1 s element se prebacuje u režim programiranja. LED lampica trepće u intervalima od 1 sekunde.



Three presses of your selected button on the RF transmitter assigns the function switch off (must be a lapse of 1s between individual presses).

Pritiskom 3x na taster po vašem izboru na RF kontroleru dodeljuje se funkcija (između svakog pritiska tastera mora biti razmak od 1s).



Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na RFSA-166M kraćim od 1 sekunde završava se režim programiranja. LED svetli u skladu sa podešenom funkcijom memorije.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



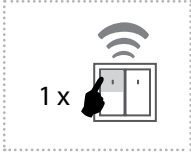
INEL

RF Control

02-12/2018 Rev.0

Function impulse relay / Funkcija impulsnog releja

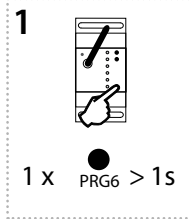
Description of impulse relay / Opis funkcije impulsnog releja



The output contact will be switched to the opposite position by each press of the button. If the contact was closed, it will be opened and vice versa.

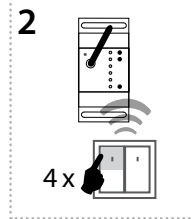
Izlazni kontakt se prebacuje u suprotno stanje svaki put kada se pritisne taster. Ako je bio zatvoren - otvara se, ako je bio otvoren - zatvara se.

Programming / Programiranje



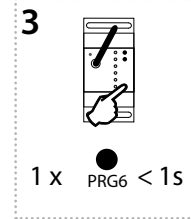
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na programsko taster PRG6 na RF elementu RFSA-166M tokom 1 s element se prebacuje u režim programiranja. LED lampica trepće u intervalima od 1 sekunde.



Four presses of your selected button on the RF transmitter assign the function impulse relay (must be a lapse of 1s between individual presses).

Pritiskom 4x na taster po vašem izboru na RF kontroleru dodeljuje se funkcija (između svakog pritiska tastera mora biti razmak od 1s).

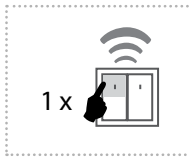


Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na RFSA-166M kraćim od 1 sekunde završava se režim programiranja. LED svetli u skladu sa podešenom funkcijom memorije.

Function delayed off / Funkcija odloženog isključivanja

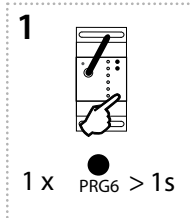
Description of delayed off / Opis funkcije odloženog isključivanja



The output contact will be closed by pressing the button and opened after the set time interval has elapsed.

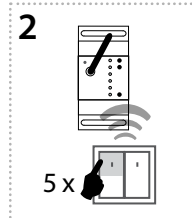
Izlazni kontakt se zatvara / otvara nakon pritiska na taster nakon isteka podešenog vremenskog intervala.

Programming / Programiranje



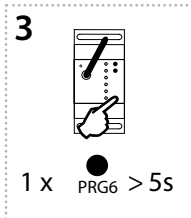
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na taster za programiranje u trajanju od 1 sekunde na RF elementu RFSA-166M element se prebacuje u režim programiranja. LED lampica trepće u intervalu od 1s.



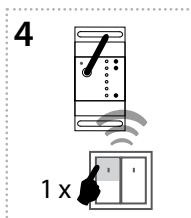
Assignment of the delayed off function is performed by five presses of the selected button on the RF transmitter (must be a lapse of 1s between individual presses).

Potrebno dodeljivanje funkcije odloženog isključivanja vrši se pomoću 5 pritiska izabranog tastera na RF kontroleru (između pojedinačnih pritiska mora biti kašnjenje od 1 s).



Press of programming button PRG6 longer than 5 seconds, will activate actuator into timing mode. LED flashes 2x in each 1s interval. Upon releasing the button, the delayed return time starts counting.

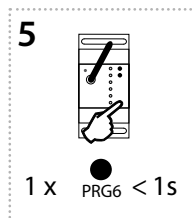
Pritiskom na taster za programiranje duže od 5 sekundi element se prebacuje u režim tajmera. LED trepće dva puta u intervalima od 1s. Kada se taster otpusti, vreme funkcije odloženog isključivanja počinje da se



After the desired time has elapsed (range of 2s...60min), the timing mode ends by pressing the button on the RF transmitter, to which the delayed return function is assigned. This stores the set time interval into the actuator memory.

Nakon isteka potrebnog vremena (između 2 s ... 60 min), režim vremena se prekida pritiskom na taster na RF kontroleru kojem je dodeljena funkcija odloženog isključivanja. Ovo štedi zadati vremenski interval u memoriji elementa.

t = 2s ... 60min.



Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na RFSA-166M kraćim od 1 sekunde završava se režim programiranja. LED svetli u skladu sa podešenom funkcijom memorije.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



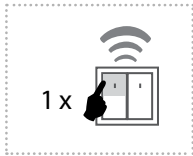
INEL

RF Control

02-12/2018 Rev.0

Function delayed on / Funkcija odloženog uključivanja

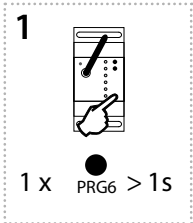
Description of delayed on / Opis funkcije odloženog uključivanja



The output contact will be opened by pressing the button and closed after the set time interval has elapsed.

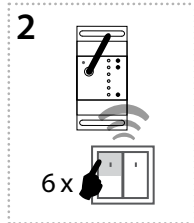
Izlazni kontakt se otvara / zatvara nakon pritiska na dugme nakon isteka podešenog vremenskog intervala.

Programming / Programiranje



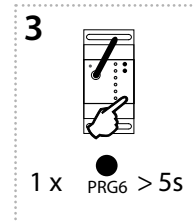
Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na taster za programiranje u trajanju od 1 sekunde na RF elementu RFSA-166M element se prebacuje u režim programiranja. LED lampica trepće u intervalu od 1s.



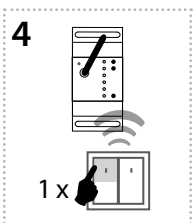
Assignment of the delayed on function is performed by six presses of the selected button on the RF transmitter (must be a lapse of 1s between individual presses).

Potrebno dodeljivanje funkcije odloženog uključivanja vrši se pomoću 6 pritiska izabranog tastera na RF kontroleru (između pojedinačnih pritiska mora biti razmak od 1 s).



Press of programming button PRG6 longer than 5 seconds, will activate actuator into timing mode. LED flashes 2x in each 1s interval. Upon releasing the button, the delayed return time starts counting.

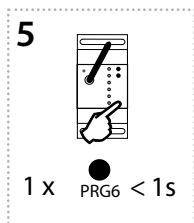
Pritiskom na taster za programiranje duže od 5 sekundi element se prebacuje u režim tajmera. LED trepće dva puta u intervalima od 1s. Kada se taster otpusti, vreme funkcije odloženog uključivanja počinje da se odbrojava.



After the desired time has elapsed (range of 2s...60min), the timing mode ends by pressing the button on the RF transmitter, to which the delayed return function is assigned. This stores the set time interval into the actuator memory.

Nakon isteka potrebnog vremena (između 2 s ... 60 min), režim vremena se prekida pritiskom na taster na RF kontroleru kojem je dodeljena funkcija odloženog uključivanja. Ovo štedi zadati vremenski interval u memoriji elementa.

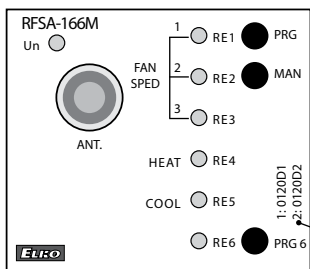
t = 2s ... 60min.



Press of programming button PRG6 on receiver RFSA-166M shorter than 1 second will finish programming mode. The LED lights up according to the pre-set memory function.

Pritiskom na taster za programiranje PRG6 na RFSA-166M kraćim od 1 sekunde završava se režim programiranja. LED svetli u skladu sa podešenom funkcijom memorije.

Programming with RF control units / Programiranje sa elementima RF sistema



The address 2 listed on the front side of the actuator is used for programming and controlling an RF actuator by control units.

Adresa 2, koja se nalazi na prednjoj strani elementa, koristi se za programiranje i kontrolu elementa pomoću RF sistema.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



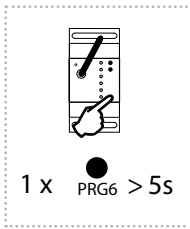
INEL

RF Control

02-12/2018 Rev.0

Delete actuator / Brisanje elemenata

Deleting one position of the transmitter / Brisanje jedne pozicije na kontroleru



By pressing the programming button PRG6 on the actuator for 5 seconds, deletion of one transmitter activates. LED flashes 4x in each 1s interval.

Pressing the required button on the transmitter deletes it from the actuator's memory.

To confirm deletion, the LED will confirm with a flash long and the component returns to the operating mode. The memory status is not indicated.

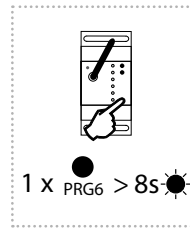
Deletion does not affect the pre-set memory function.

Pritiskom na programski taster PRG6 na RFSA-166M tokom 5 sekundi aktivira se brisanje jednog kontrolera. LED trepće 4 puta u intervalima od 1 sekunde.

Pritiskom na taster na kontroleru briše se iz memorije elementa.

Da bi potvrdio brisanje, LED lampica trepće dugo vremena i element se vraća u režim rada. Status memorije nije prikazan. Brisanje ne utiče na podešenu funkciju memorije.

Deleting the entire memory / Brisanje cele memorije



By pressing the programming button PRG6 on the actuator for 8 seconds, deletion occurs of the actuator's entire memory. LED flashes 4x in each 1s interval.

The actuator goes into the programming mode, the LED flashes in 0.5s intervals (max. 4 min.).

You can return to the operating mode by pressing the PRG6 button for less than 1s. The LED lights up according to the pre-set memory function and the component returns to the operating mode.

Deletion does not affect the pre-set memory function.

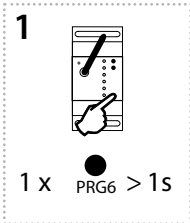
Pritiskom na taster za programiranje PRG6 na RFSA-166M tokom 8 sekundi briše se celokupna memorija elementa. LED trepće 4 puta u intervalima od jedne sekunde.

Element se prebacuje u režim programiranja, LED treperi u intervalima od 0,5 s (maks. 4 min.).

Da biste se vratili u režim rada, pritisnite dugme PRG6 kraće od 1 sekunde. LED svetli u skladu sa podešenom funkcijom memorije i element se vraća u režim rada.

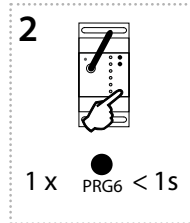
Brisanje ne utiče na podešenu funkciju memorije.

Selecting the memory function / Izbor funkcije memorije



Press of programming button PRG6 on receiver RFSA-166M for 1 second will activate receiver RFSA-166M into programming mode. LED is flashing in 1s interval.

Pritiskom na programski taster PRG6 u trajanju od 1 sekunde na RF elementu RFSA-166M element će se prebaciti u režim programiranja. LED lampica trepće u intervalu od 1s.



Pressing the programming button PRG6 on the RFSA-166M receiver for less than 1 second will finish the programming mode, this will reverse the memory function. The LED lights up according to the current pre-set memory function. The set memory function is saved.

Every other change is made in the same way.

Pritiski taster za programiranje PRG6 na elementu RFSA-166M kraćim od 1 sekunde završava se programiranje, čime se funkcija memorije menja u suprotnu. LED svetli u skladu sa trenutno podešenom funkcijom memorije. Podešena funkcija memorije je sačuvana.

Svaka sledeća promena podešavanja vrši se na isti način.

• Memory function on:

- For functions 1-4, these are used to store the last state of the relay output before the supply voltage drops, the change of state of the output to the memory is recorded 15 seconds after the change.

- For functions 5-6, the target state of the relay is immediately entered into the memory after the delay, after re-connecting the power, the relay is set to the target state.

• Memory function off:

When the power supply is reconnected, the relay remains off.

• Funkcija memorije na:

- Za funkcije 1-4 koristi se za čuvanje poslednjeg stanja izlaza releja pre prekida napona napajanja, promena izlaznog stanja se zapisuje u memoriju nakon 15 s od promene.

- Za funkcije 5-6, ciljno stanje releja se odmah zapisuje u memoriju nakon vremena kašnjenja, nakon ponovnog povezivanja napajanja, relej se postavlja u ciljno stanje.

• Isključena funkcija memorije:

Kada se napajanje ponovo poveže, relej ostaje isključen.



RFSA-166M

EN Wireless switch unit

RS Šestokanalna prekidačka jedinica za kontrolu ventilatora



INELS

RF Control

02-12/2018 Rev.0

Technical parameters / Tehnički parametri

Supply voltage:	Napon napajanja:	110-230 V AC / 50-60 Hz
Apparent input:	Prividna snaga ulaza:	min. 2 VA / max. 5 VA
Dissipated power:	Maksimalna potrošnja:	min. 0.5 W / max. 2.5 W
Supply voltage tolerance:	Tolerancija napajanja:	+10% / -25 %
Output	Izlazi	
Number of contacts:	Broj kontakata:	3x switching / prelaz (AgSnO ₂); 3x switching / promena (AgSnO ₂)
Rated current:	Nominalna struja:	8 A / AC1
Switching power:	Prekidačka snaga:	2000 VA / AC1
Peak current:	Maksimalna snaga:	10 A / <3 s
Switching voltage:	Prekidački napon:	250 V AC1
Min. DC switching power:	Min. DC preklopna snaga:	500 mW
Mechanical service life:	Mehanički radni vek:	1x10 ⁷
Electrical service life (AC1):	Električni radni vek (AC1):	1x10 ⁵
Control	Kontrola	
RF, by command from transmitter:	Frekvencija:	866 MHz, 868 MHz, 916 MHz
Manual control:	Ručna kontrola:	button / taster MAN
Range in free space:	Domet na otvorenom prostoru:	up to / do 200 m
Output for RF antenna:	RF antena	SMA connector / konektor *
Other data	Ostali podaci	
Operating temperature:	Radna temperatura:	-15 °C ... + 50 °C
Operating position:	Pozicija rada:	any / bilo gde
Mounting:	Montaža:	DIN rail / DIN šina EN 60715
Protection:	Stepen zaštite:	IP20 from the front panel / sa prednje strane panela
Overvoltage category:	Kategorija prenapona:	III.
Contamination degree:	Stepen zagađenja:	2
Connecting conductor cross-section (mm ²):	Presek provodnika za povezivanje (mm ²):	max. 1x2.5, max. 2x1.5 / with a hollow / sa šupljinom maks. 1x2.5
Dimensions:	Dimenzije:	90 x 52 x 65 mm
Weight:	Težina:	264 g
Related standards:	Standardi :	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC

* Max Tightening Torque for antenna connector is 0.56 Nm.

Attention:

When you install INELSRF Control system, you have to keep minimal distance 1 cm between each units. Between the individual commands must be an interval of at least 1s (Valid for control RE6).

Warning

Instruction manual is designated for mounting and also for user of the device. It is always a part of its packing. Installation and connection can be carried out only by a person with adequate professional qualification upon understanding this instruction manual and functions of the device, and while observing all valid regulations. Trouble-free function of the device also depends on transportation, storing and handling. In case you notice any sign of damage, deformation, malfunction or missing part, do not install this device and return it to its seller. It is necessary to treat this product and its parts as electronic waste after its lifetime is terminated. Before starting installation, make sure that all wires, connected parts or terminals are de-energized. While mounting and servicing observe safety regulations, norms, directives and professional, and export regulations for working with electrical devices. Do not touch parts of the device that are energized – life threat. Due to transmissivity of RF signal, observe correct location of RF components in a building where the installation is taking place. RF Control is designated only for mounting in interiors. Devices are not designated for installation into exteriors and humid spaces. The must not be installed into metal switchboards and into plastic switchboards with metal door – transmissivity of RF signal is then impossible. RF Control is not recommended for pulleys etc. – radiofrequency signal can be shielded by an obstruction, interfered, battery of the transceiver can get flat etc. and thus disable remote control.

*Maksimalan momenat pritezanja konektora antene je 0.56 Nm.

Upozorenje:

Kada instalirate INELS RF Control sistem, mora se poštovati minimalno rastojanje od 1 cm između pojedinih elemenata. Između pojedinačnih komandi potrebno je da prođe interval od 1s.(važi i za RE6).

Upozorenje

Uputstva za upotrebu su namenjena za ugradnju kao i za korisnike proizvoda. Uputstva se uvek dobijaju uz proizvod. Instalaciju i povezivanje smeju da obavljaju samo kvalifikovane osobe, u skladu sa svim važećim propisima, koja je detaljno upoznata sa ovim uputstvom i funkcijama komponenti. Funkcija elemenata takođe zavisi od prethodnog načina transporta, skladištenja i rukovanja. Ako u bilo kom slučaju primetite nekakve znakove oštećenja, deformacije, kvara ili ako neki deo nedostaje, nemojte ugrađivati uređaj, prijavite to prodavcu. Nakon što komponenti istekle životni vek, potrebno je tretirati je kao elektronski otpad. Pre započinjanja instalacije potrebno je prvo se uveriti da su žice, povezane delovi ili terminali bez napona. Tokom instalacije i održavanja moraju se poštovati sigurnosni propisi, standardi, direktive i profesionalne odredbe za rad sa električnom opremom. Ne dodirujte elemente pod naponom golim rukama, zbog mogućnosti stujnog udara i rizika od smrti. Zbog propustljivosti RF signala, obratiti pažnju na pravilno postavljanje RF elemenata u zgradi gde će se izvoditi ugradnja. RF kontrola je namenjena samo za unutrašnju ugradnju. Elementi nisu namenjeni za spoljašnju ugradnju kao i za ugradnju u vlažne prostorije, ne smeju se ugraditi u metalne ormare kao ni u plastične ormare sa metalnim vratima iz razloga što će to sprečiti prenos radio frekvencijskog signala. RF kontrola se ne preporučuje za kontrolu uređaja koji pružaju životne funkcije kao i za kontrolu opasne opreme kao što su pumpe, električni grejači bez termostata, liftova, dizalica itd. iz razloga što prenos radio frekvencije može biti preklonjen, ometen, baterija predajnika se može isprazniti i na taj način daljinski upravljač može biti onemogućen.