SOMFY ELECTRONIC PRODUCT FORM

designation	AC motor Infra-red receiver
reference	ERIT728840
range	Infra-red

FUNCTIONS

● Control for SOMFY motors by infra-red transmitter (IRT103 ; IRT803) or external input (individual push-button or SOMFY Bus line).

● Time delay outputs : 3 min

● Possibility to configure the channel of the receiver (from 1 to 8) using the IRT803.

● 3 different "Drape" functions for venetian blinds.

<u>Drape US "continuous"</u>
The same functionning as the Drape US "jerky" but the motor runs continuously during the tilting.
<u>Drape US "jerky"</u>
Impulse control shorter than 0.5s -> blind activated during 3 minutes.
Control between 0.5s and 6s -> blind activated by fits and starts during the time of pressing (Possibility to set 2 speeds for the tilting).
Control longer than 7s -> blind activated during 3 minutes.
<u>Drape CE</u>
Impulse control shorter than 2 s -> blind activated during the time of pressing.
Control longer than 2s -> blind activated during 3 minutes.

● Possibility to configure the type of external input (individual push-button or SOMFY Bus line).

● STOP function :
By pushing simultaneously on the both UP and DOWN push-buttons.
By pushing a second time on the UP or DOWN push-button (only if the receiver has been configured as "individual push-button" input).

TECHNICAL SPECIFICATIONS

Box	Material	ABS
	Colour	KJB 399555 (grey, supplier ref.)
	Size	135 x 120 x 42 mm
	System of protection	IP 40
Supply	Nominal	220 - 240 V~
	Limits	198 - 255 V~
	Frequency	50 - 60 Hz
Fuse	5 x 20 mm	3,15A
Output relay		250 V~, 3,15 A
Electromagnetic compatibility	CEI 1000-4-2	8 kV minimum
	CEI 1000-4-3	level III waranteed
	CEI 1000-4-4	level III waranteed
Temperature range	Working	0°C to +40°C
	Storage	-15°C to +70°C
Rate of relative humidity		90% maxi. at 25°C
Connectors		screws
Weight		330 g
Compliance with the CE requirement		yes

Programming mode :

Iinitial configuration : IRT 103 transmitter / Bus line inputs / No drape

Rem :The initial drape mode is US "jerky" slow speed.

Enter in the programming mode (use IRT803 transmitter) : push more than 5 seconds the "prog" button on the receiver or the "prog" key on the IRT803 transmitter, then the LED on the receiver lights on and the product is ready to be configured for a time period of 3 minutes.

Warning : If you use the IRT803, it is necessary to « lock » the receivers which are not being programmed .You can do that by operating them in either UP or DOWN direction (then, they will be locked for 3 minutes and it is impossible to enter in the programming mode by the IRT803). To unlock them, give a STOP control.

Configuration	Actions
Channel (1 to 8)	press the key 1 on the IRT803 press a key (from 1 to 8)
Channel for IRT103	press the key 1 on the IRT803 press the key 1..8
Drape US "continuous"	press the key 2 on the IRT803 for Drape : press the key 5..8 for No drape : press the key 1_8
Type of inputs	press the key 3 on the IRT803 for individual push-button : press the key 1..8 for Bus line input : pres the key 5..8
Drape CE	press the key 4 on the IRT803 for Drape : press the key 5..8 for No drape : press the key 1_8
Drape US "jerky"	press the key 5 on the IRT803 for Drape : press the key 5..8 for No drape : press the key 1_8
Speed for tilting	press the key 6 on the IRT803 press the key 1 for medium speed press the key 2 for slow speed
Return to initial configuration	press the key 8 on the IRT803 press the key 1..8

Remark :

When you press on a key, the LED of the receiver blinks one time for the first press and four times for the second.

To exit from the programming mode, press the "prog" push-button on the receiver or the "prog" key on the IRT803.

IN THE RANGE	IN THE OTHER RANGES

IN THE RANGE

- Sensor :
Infra-red sensor Ref. EACT028830

- Transmitters :
One channel IR transmitter IRT103 (KE10102)
Eight channels IR transmitter IRT803 (154140A)
-Input :
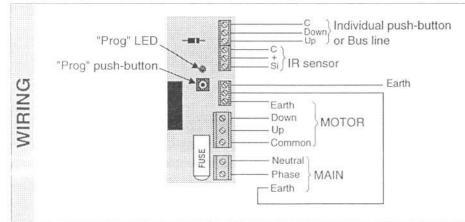The BUS line infra-red receiver (ERIT728850)

IN THE OTHER RANGES

- Input :
Standard double push-button or control system with the SOMFY BUS line output.

- Output :
Group control box (130150)

"Prog" LED
"Prog" push-button

C
Down } Individual push-button
Up } or Bus line

C
+ } IR sensor
Si }

Earth

Earth
Down } MOTOR
Up
Common

Neutral }
Phase } MAIN
Earth }

FUSE

BE MARAVAL .F   QUALITY   GMD