

RS232 TO RTS INTERFACE

with X10 COMPATIBILITY

DESCRIPTION



Part Number: 1810686

The RS232 to RTS Interface is a 16-channel RTS transmitter that enables third party home automation systems to directly control Somfy's line of RTS motors and controls. The interface also includes X10 compatibility for direct control of RTS product from an X10 powerline system. The interface plugs into a standard 115 VAC electrical outlet.

OPERATING PROCEDURES

RTS Channel Programming

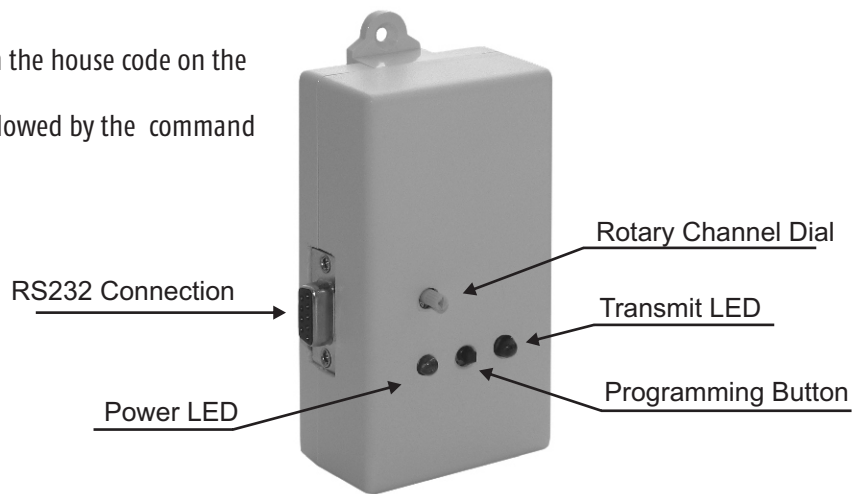
1. Ensure the RTS motor or receiver to be controlled has already been assigned to a channel on a Telis or similar transmitter as outlined in the instructions included with the specific product. All limits, intermediate positions and programmable functions should be set.
2. Set the RTS receiver or motor into its programming mode as outlined in the specific product instructions.
3. Set the Rotary Address Dial on the interface to the channel you want the motor or receiver to respond to. Press the Programming Button on the Interface. The motor or receiver will respond accordingly.

RS232 Operation

1. Set RS232 communication settings to: 9600 Baud, 8 Data Bits, 1 Stop Bit, No Parity
2. Use the ASCII protocol command string syntax: `<!> <2 digit channel number> <Directional Command>`
3. The directional commands must be capital letters and are as follows:
 - U: UP
 - D: DOWN
 - S: STOP
4. Examples:
 - Motor 2 Up: `!02U`
 - Motor 5 Down: `!05D`
 - Motor 1 Stop: `!01S`

X10 Operation

1. Set the Rotary Address Dial on the interface to match the house code on the X10 device being used.
2. From the X10 device, send the unit code/address followed by the command codes below to activate the RTS motor or receiver:
 - BRIGHT: UP
 - DIM: DOWN
 - OFF: STOP
3. Examples:
 - Motor 1 Up: `1 Bright`
 - Motor 3 Down: `3 Dim`
 - Motor 5 Stop: `5 Off`



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