



somfy.

TECHNICAL DATA SHEET

18 - 02 - 2022

TDST DOC176129 000

Designation	Chronis Uno 50x50; Chronis Uno 55x55
Reference	1870904 Chronis Uno 50x50 with frame white 1870948 Chronis Uno 55x55 with frame white
Range	Controls WT

FUNCTIONS

The Chronis UNO 50x50 and 55x55 is an individual timer and manual control for 230V AC motor (Roller Shutters / EVB). The main function of the Chronis UNO is "to give controls according to the time" as real plug and Play product.

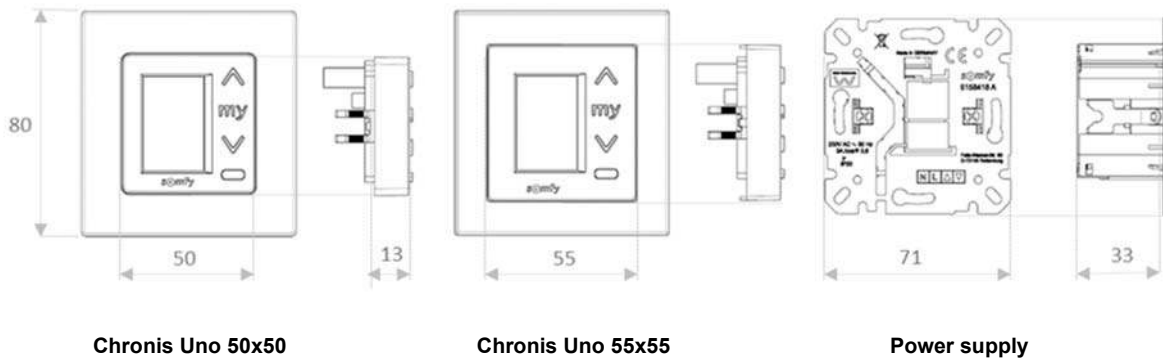
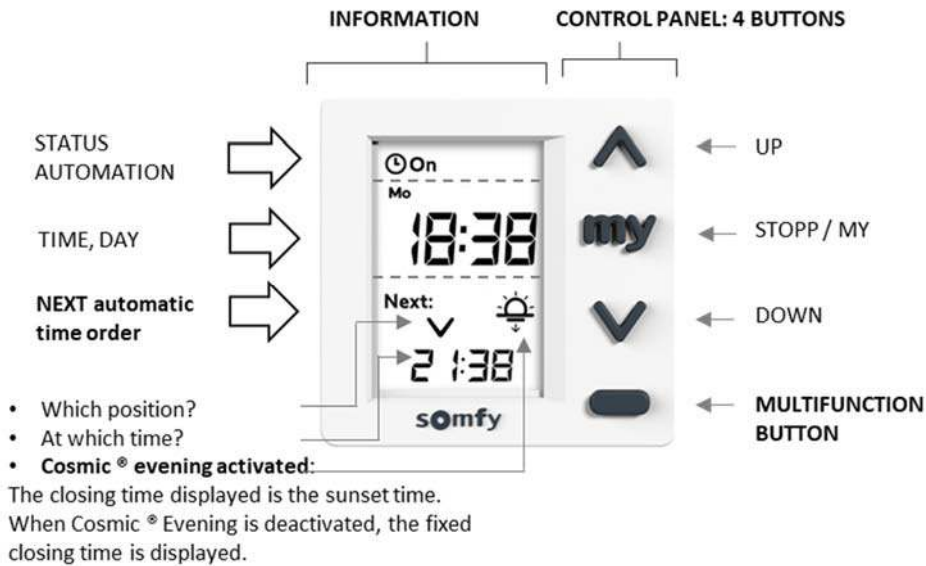
It owns the following functionalities:

- Up / My / Down manual orders
 - Weekly or daily program (up to: 1x Up, 1x Down and 1x My orders a day)
 - New Multifunction button (at the bottom):
 - o Short impulses: To change as simple as possible the automatic behaviour (Enhanced Auto/Manu function)
 - Automatic ON + Cosmic Evening ON (New)
 - Automatic ON without Cosmic Evening
 - Automatic OFF
 - Presence simulation (+/-15 min based on stored time orders)
 - o Long press: To proceed to the settings
 - After 3s: Setting sequence to set the time orders each day or whole week or deactivate them:
Default values = For each day of the week, Up order at 07:30, Down order at 20:00 and my=OFF.
 - After 6s: Setting the Offset Values of Cosmic evening function or deactivate the cosmic function
Default values = Cosmic is ON and Offset is set at +15 min (-> citizen dusk)
 - After 9s: Setting sequence to set the other parameters:
 - Day (DF=15), Month (DF=06), Year (DF=2022) and current time
 - Automatic Switch Summer (DF=ON)
 - EVB mode (DF=OFF)
 - Brightness Display (DF=7), Contrast Display (DF=10)
 - Running time (DF=AUTO)
 - Memory Function to easily overwrite the programmed time orders for the UP, Down and my positions.
 - The my-Position can be adjusted and is directly reachable over my button or over automatic.
- Aim is only entering date and time, then the product measures the running time by itself at the 2 first cycles. If combining the Chronis Uno 50&55 with an isolating relay and some electrical motors on the market, we have the possibility to give a running time manually in a range of 1 s to 3 min.

TECHNICAL SPECIFICATIONS

Power supply	Voltage	220-240V~
	Frequency	50-60Hz
	Class	0
	Protection factor against solid & splashproof	IP 20
Connectors		Screws/Socket
Output relays		250VAC~3A cos f 0.9
Front face / Control modul	Material	ABS
	Color	White RAL 9003, mirror finish
	Size	50x50x27 or 55x55x27 mm
Power module + Wall support	Material	PA66GF15
	Color	Grey
	Size	71x71x33mm
Weight	Front face + Power module	73g
Temperature range	Storing	0°C / +55°C
	Working	0°C / +55°C
Cleaning products resistivity		250 cycles (with alcohol)
Standard (CE)	In accordance with CE declaration on internet website www.somfy.com/ce	
<i>*Use guaranteed in most of "Floor installation", depending of the environment. The radio range may be altered depending on the installation conditions and the electromagnetic environment.</i>		

DESCRIPTION



COMPATIBILITY

- **Using the automatic running time measurement:** (Behaviour as default value)
 - compatible with all Somfy 230 V AC motors for roller shutters and EVBs, with mechanical and electrical end limits.
- **Using the manual running time setting:**
 - Respond to demand of combining Chronis Uno 50&55 with an isolating relay or some electronic motors on the market, except those with soft start and soft stop.

INSTALLATION AND WIRING

