

designation	SOLIRIS uno
reference	710124
range	INTEO

FUNCTIONS

SOLIRIS Uno is a wind and sun automatic control system for an AC motor.

The wind speed and amount of sunshine are measured by a combined sensor.

A rain sensor can also be connected.

SOLIRIS uno can be programmed to control an awning or an external venetian blind (slat tilting feature).

When the sun shines, the awning/blind is activated automatically, either fully or to an individually programmed intermediate position (in venetian blind mode, it is possible to program an automatic slat tilting operation).

A dynamic retraction delay avoids frequent activation commands caused by varying light conditions.

Manual operation is also possible and the sun function can be switched off.

If the wind is too strong the awning/blind is automatically retracted and manual operation is blocked. The wind function is a safety function and is always activated.

Wind setting range : 5 -> 80 km/h

Sun setting range : 20 -> 60 kLux



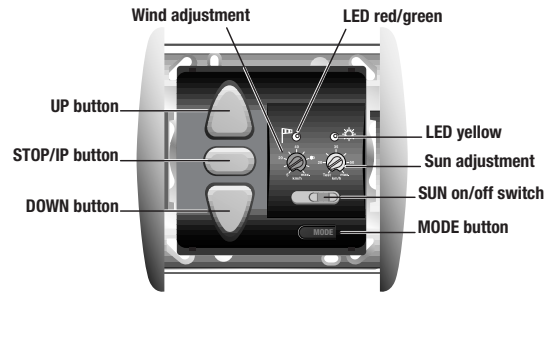
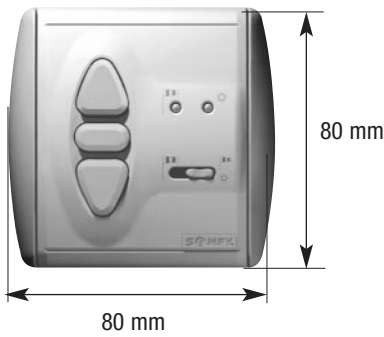
TIMINGS

	Normal mode	Demo mode
SUN appearing :	2 min.	10 sec.
SUN disappearing :	15/30 min.	15/30 sec.
WIND appearing :	2 sec.	2 sec.
WIND disappearing :	30 sec. 12 min.	15 sec.
Output relays :	180 sec.	30 sec.

TECHNICAL SPECIFICATIONS

Box	Material Color Size Protection factor against solid and splashproof	PC white / grey 80 x 80 x 50 mm IP 40 Class II product
Supply	nominal limits Frequency	230 V~ 207-253 V~ 50 - 60 Hz
Output		250 VAC 3A cos φ 0,8
Output temporisation		180s
Standards		EN 60730 EN 55081 EN 55082
Temperature range	Storage Working (in house use in dry rooms)	-15°C at +45°C +5°C at +40°C
Connectors		screws / socket

DIMENSIONS



COMPATIBILITIES AT THE 13/03/01

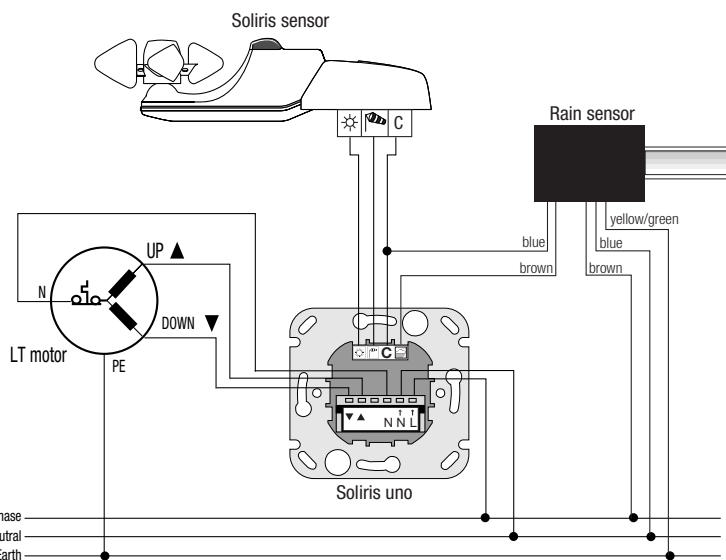
Output :

- Group control boxes 130150; 128617-3; ML30000.

Sensors :

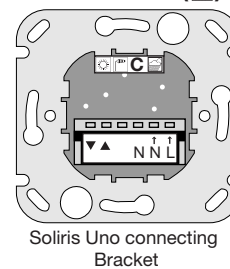
- SOLIRIS sensor
- SOLIRIS sun sensor
- Rain sensor 705588

WIRING



Terminal layout

- Common (C)
- Sun sensor (☀)
- Wind sensor (🌀)
- Rain sensor (☔)



- Main Phase (L→)
 - Main Neutral (N→)
 - Motor Neutral (N)
 - Motor Up (▲)
 - Motor Down (▼)
- N is bridged internally