

Programmable, digital twilight switches

memo LUX

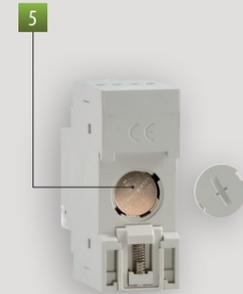
DIMENSIONS (mm)

CONNECTION DIAGRAM

Digital twilight switch with weekly timer that can be programmed to manage internal and external lighting. The external probe with protection degree IP65 is supplied with the device.



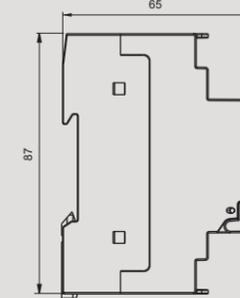
- 1 Large backlit LCD to visualize date, hour and status relay
- 2 DIN module version
- 3 Text guide
- 4 Sealable cover
- 5 Rear cover to replace the battery



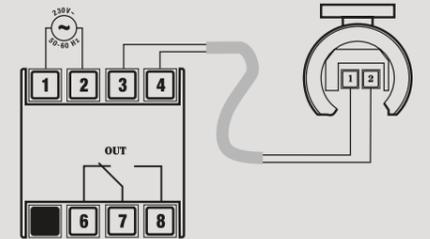
Front view



Side view



Diagram



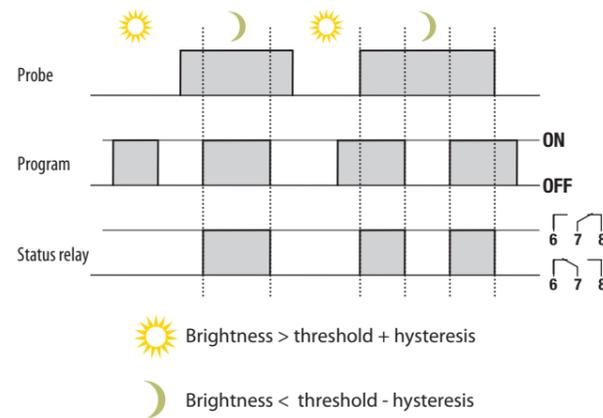
TIME MANAGEMENT

TECHNICAL INFORMATION

PROGRAMMABLE, DIGITAL TWILIGHT SWITCH

- Power supply: 230 V AC 50/60Hz
- Change-over monostables output relay
- Maximum number of programs:
 - 30 daily/weekly events (ON/OFF)
 - 4 holiday periods
 - 20 holiday days
- Summertime automatic update
- Manual override of the relay (temporary or permanent)
- Threshold regulation (sensitivity): 5÷500 lux
- Hysteresis regulation: 1÷50% of threshold
- Delay regulation: 1÷59 minutes
- Maximum distance between probe and device: around 50 m
- Relay activation according to programming and set threshold
- Battery life: 3 years (replaceable by opening the rear cover)
- Relay switch on-off only with power supply
- Signalling of depleted battery and of power supply failure
- Keyboard can be locked with the use of a password
- Display automatically shuts-off after 3 minutes of keyboard- inactivity

Connection diagram



GENERAL CHARACTERISTICS

Power supply	V AC	230 (-10% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	VA	8
Output		1 change-over monostables relay
Relay capacity at 250 V AC	A	16 (10)
Fluorescent lamps (at 240V)	W	600
Incandescent lamps (at 240V)	W	1500
Halogen lamps (at 240V)	W	1500
Duration		3-year-battery (Lithium-ion, not rechargeable)
Charge reserve to substitute the battery		2 minutes
Switch over in case of powerfail		NO

Programming resolution		1 minut
Number of programs	- events (ON,OFF)	30
	- Holiday periods	4
	- Holiday days	20
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-10 ÷ +70
Container		2 DIN modules
Degree of protection of connection terminals	IP	20
Degree of front protection	IP	41
Degree of probe protection	IP	65
Operating temperature of probe	°C	-20 ÷ +50

APPLICABLE STANDARDS

Conformity with Community Directives: 2006/95/CE (Low voltage) and 2004/108/CE (E.M.C.) is declared with reference to the following harmonised standards: • Security: EN 60730-2-7 • E.M.C.: EN 55014-2 / EN 55014-1

Code	Model	Description
VE437000	MEMO LUX	Programmable, digital twilight switch with external probe

