ENGLISH

12.A4

(2) WIRING DIAGRAM: output 0-10V
(3) WIRING DIAGRAM: output PWM
(4) SETTINGS (examples)

A Back-lit display (only when externally powered)
4a Setting: Country (IT), CP (leading two characters of CP), percentage change in output power per second (PI), year(Y), day(D),month(M), hour(H), minutes(M), Daylight saving ON/OFF (EU: Europe, BR: Brazil, MX: Mexico), PIN, exit menu (END)
4b Holiday program
(Start: day/month. Finish: day/month), PIN, exit menu (END)
4c Setup by geographic coordinates. Start at 4a, select Country IT or CP 00 stage, scroll down with - . Continue by setting the coordinates and time zone. Latitude: North ( N ) - South ( S ). Longitude: East (E) - West (W). Time zone(TZ)

5 PROGRAMMING (examples)
A Back-lit display (only when externally powered)
B NP: New Programming event
C 01, 02..: event memory location (Max 50)
5.1 ASTRO ON: Signifies programming the Astro SUNSET conditions advance/retard D - applicable days E-required \% output setting (0-10V / PWM) F
5.2 ASTRO OFF: Signifies programing the Astro SUNRISE conditions advance/retard D - applicable days E - required \% output setting (0-10V / PWM) F
5.3 PULSE: Signifies programing the conditions for a TIMED event time of event $G$ - applicable days $E$ - required \% output setting (0-10V / PWM) F
D Advance or retard from the Astro time (up to 90 minutes)
E Set applicable day(s) of the week ( $1=$ Mon ... $7=$ Sun )
F Set $\%$ value of the output signal ( $0-10 \mathrm{~V} / \mathrm{PWM}$ )
G Set time of day for TIMED event (00:00 ... 23:59)
6 MANUAL MODE (Manually change the current output value) Pushing the joystick towards $\not+(6 a)$ or towards $\square(6 b)$ it is possible to modify the value of the output signal between $1 \%$ and $99 \%$. Note: the output contact (11-14) will be open for values below $10 \%$, and will be closed for values above $10 \%$.
NB: This setting will remain in force until the next programmed event.
(7) PERMANENT MANUAL MODE

By activating the permanent manual mode 7a, the program of events will be ignored (whilst the current signal output level is maintained). De-activating the mode 7b, and the device returns to follow the program of events, responding to the next occurring event.

## 8

DELETION of all programmed events
A Back-lit display (only when externally powered)
9 DELETION of a single programmed event
A Back-lit display (only when externally powered) NOTE

- Battery replacement: BATTERY CR $2032\left(\mathrm{LiMnO}_{2}\right)$ 3V, 230mAh.

Complies with Article 11, EU directive 2006/66/CE.
Dispose of batteries according to local regulations

- Back-lit display (only when externally powered)
- ASTRO times vary over the year
- PWM 0\% = output contact open
$-(0-10 \mathrm{~V}) \leq 9 \%=$ output contact open
- Maximum cable length: 20 m (0-10 V) - 10 m (PWM)
- PWM: setting 0-99\% - resolution $1 \%$
- 0-10 V: setting 0-99\% - resolution $1 \%$


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