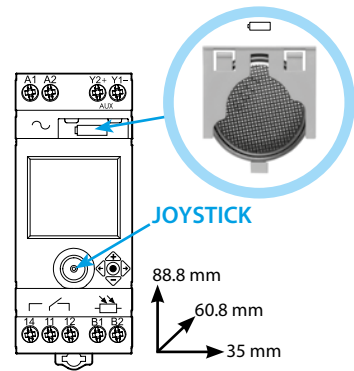




11.91

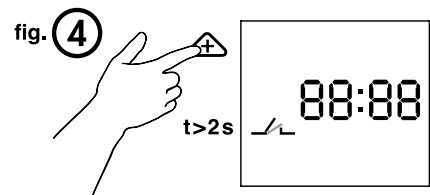
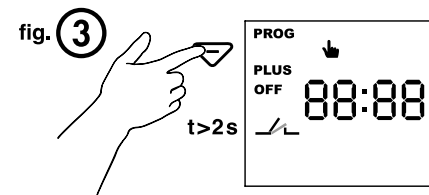
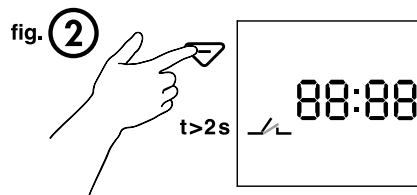
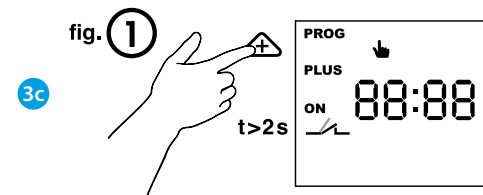
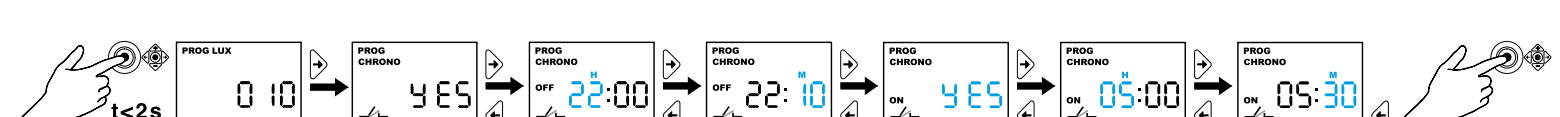
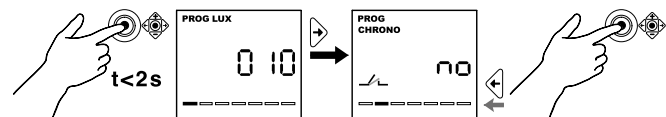
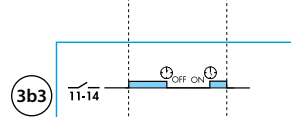
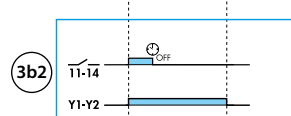
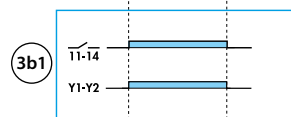
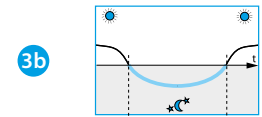
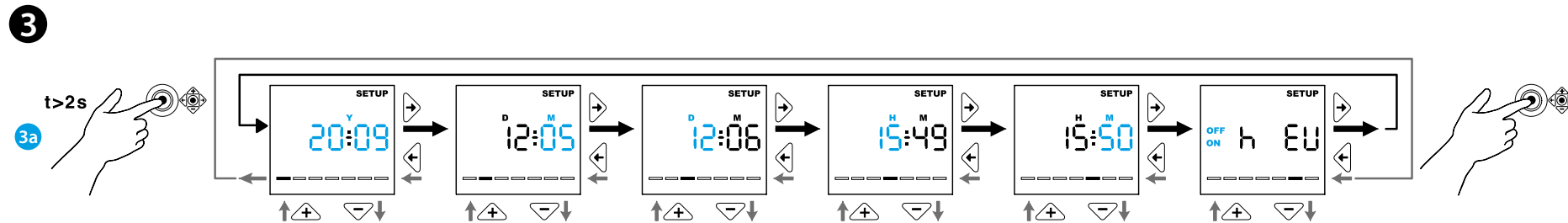
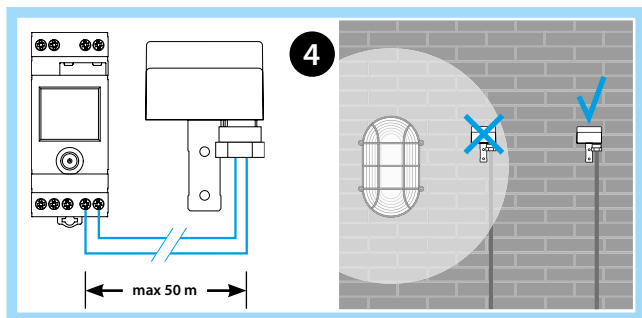
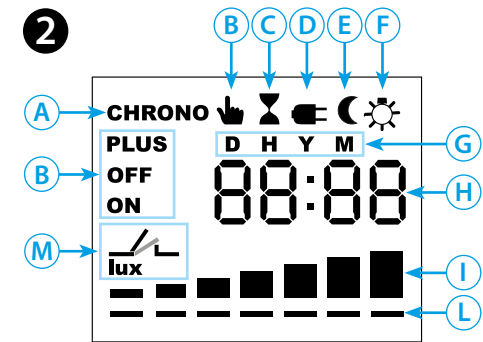
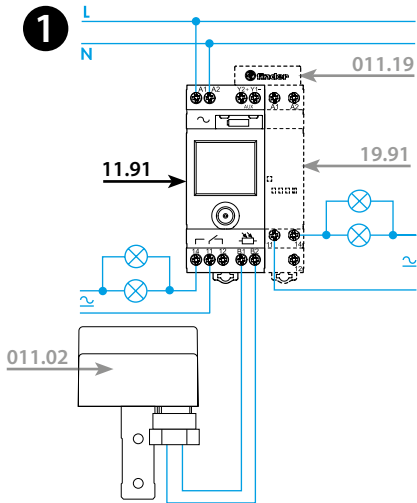
EN 60669-1 / EN 60669-2-1	
11.91.8.230.0000	
	U _N (110...240)V AC (50/60 Hz) / DC U _{min} 88 V AC/DC U _{max} 264 V AC/DC P 5 VA (50 Hz) / 2.1 W
	1 CO (SPDT) 16 A 250 V AC μ
	AC1 (230 V AC) 4000 VA AC15 (230 V AC) 750 VA
	(230 V AC) 2000 W (230 V AC) 750 W CFL-LED (230 V AC) 400 W
AUX (Y ₂ + Y ₁ -)	12 V DC / max 1 W
IP20	

	(-20...+50)°C
	(1...150)lx
	TON = 25 s TOFF = 50 s



JOYSTICK

88.8 mm
60.8 mm
35 mm



ENGLISH

11.91 LIGHT-DEPENDENT RELAY WITH INTEGRATED TIME SWITCH

- 1 WIRING DIAGRAM**
19.91: Power module (optional accessory)
011.19: 2-pole connector (accessory supplied with 11.91)
- 2 DISPLAY DESCRIPTION**
A time switch enabled (CHRONO)
B manual function selected
C ON/OFF delay time in progress
D power not applied
E auxiliary output (Y₂ + Y₁-) enabled
F lux compensation in progress (10 min)
G D=day - H=hour - Y=year - M=minutes/month
H current time / lux set level
I current light level
L light set level / programming step
M current contact state (11-14)

- 3 SETTINGS**
3a SETUP (date / time / Setup-daylight saving time)
3b PROGRAMMING
3b1 LUX setting
3b2 LUX setting - switch off time (OFF)
3b3 LUX setting - switch off time (OFF) - Switch on time (ON)
3c MANUAL FUNCTION
Permanent ON: activate fig.1 / deactivate fig.2
Permanent OFF: activate fig.3 / deactivate fig.4

- 4 IMPORTANT FOR INSTALLATION**
It is recommended to install the photosensor such that the light emitted from the controlled lamp(s) does not influence the sensor. Where this is not possible, the innovative "light feedback compensation" principle will avoid annoying lamp switch-on and switch-off, provided that the sum of ambient light and controlled light does not exceed 200 lux.
011.02: - Photosensor IP54. Cable: Ø (7.5...9) mm
- Cable suggested: H07RN-F (2x1.5 mm²)
Maximum cable length relay to light sensor: 50 m. (2x1.5 mm²)

NOTE
Y₂+ Y₁-: auxiliary output to control the 19.91 directly driven by the photosensor (12 V DC, 1 W max).
35 mm rail mount (EN 60715).

BATTERY CR 2032 (LiMnO₂) 3V.
Complies with Article 11, EU directive 2006/66/CE.

