

Features

- It serves to control various types of appliances depending on real time with the possibility of daily, weekly, monthly and yearly programs.
- Switching: according to program (AUTO)/permanently manually (MAN)/random.
- Choice of 1-channel or 2-channel design, each channel is adjustable individually.
- Sealable transparent front panel cover, easy control with 4 buttons.
- Cyclic/pulse output option.
- Real time backup - up to 3 years using built-in battery.
- Automatic summer/winter time transition (can be switched off in settings).
- Supply voltage is divided into two types: AC 230 V or AC/DC 12 – 240 V.

RS PRO Family Name

0800991 RS PRO



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product description

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Supply and measuring

Supply terminals:	A1-A2
Voltage range:	AC/DC 12 – 240 V (AC 50-60 Hz)
Burden (max.):	AC 0.5 – 2 VA/DC 0.4 – 2 W
Max. dissipated power (Un + terminals):	3.5 W
Supply voltage tolerance:	–15 %; +10 %
Back-up supply:	yes
Summer/winter time:	automatic

Output

Contact type:	1× changeover/SPDT (AgSnO ²)
Current rating:	16 A/AC1; PD. B300
Breaking capacity:	4000 VA/AC1, 384 W/DC
Inrush current:	30 A/< 3 s

Output

Switching voltage:	250 V AC/24 V DC
Mechanical life:	30.000.000 ops.
Electrical life (AC1):	100.000 ops.

Time circuit

Power back-up:	up to 3 years
Accuracy:	max. $\pm 1s/day$ at 23 °C (73.4 °F)
Minimum interval:	1 min
Data stored for:	min. 10 years
Cyclic output:	1 – 99 s
Pulse output:	1 – 99 s

Program circuit

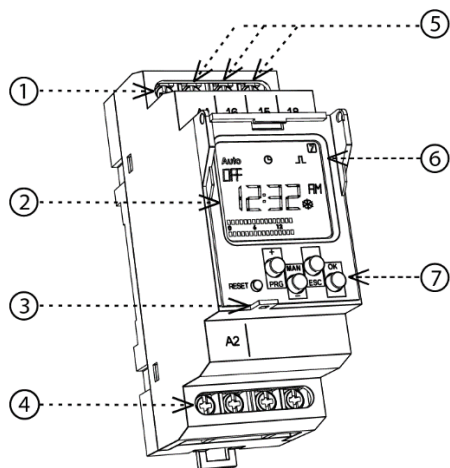
Number of memory places:	100
Program:	daily, weekly, monthly, yearly
Data readout:	LCD display, with back light

Other information

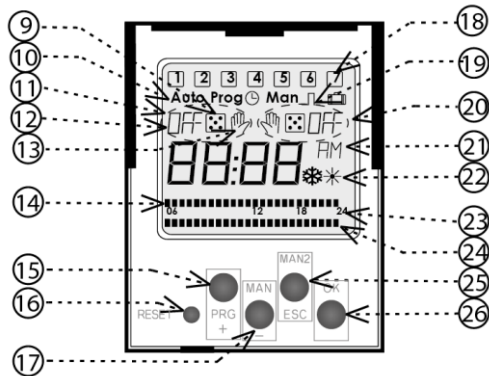
Operating temperature:	-20 .. +55 °C (-4 .. 131 °F)
Storage temperature:	-30 .. +70 °C (-22 .. 158 °F)
Dielectric strength:	AC 4 kV (supply - output)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP10 clips, IP40 from front panel
Overvoltage category:	III.
Pollution degree:	2
Cross-wire section – solid/	max. 2× 2.5 or 1× 4/

stranded with ferrule (mm²):	max. 1× 2.5 or 2× 1.5 (AWG 12)
Dimensions:	90 × 35 × 64 mm (3.5" × 1.4" × 2.5")
Weight:	(UNI) – 117 g (4.13 oz)
Standards:	EN 61812-1

Description

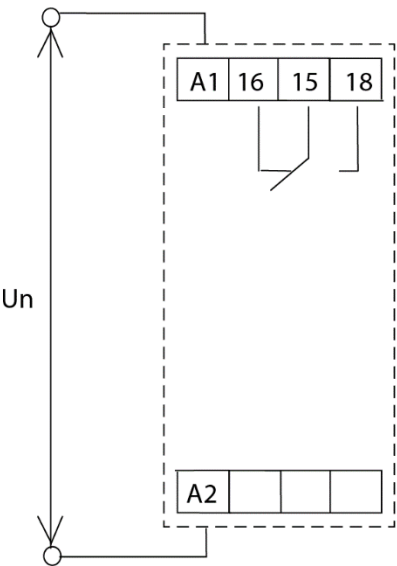


- 1. Supply terminals (A1)
- 2. Display
- 3. Sealing spot
- 4. Supply terminals (A2)
- 5. Output - channel 1 (16-15-18)
- 6. Transparent cover
- 7. Controlling buttons



- 9. Random switching mode
- 10. The choice of switching mode
- 11. Indication (1st channel)
- 12. Output ON/OFF
- 13. Manual switching mode
- 14. Channel 1 (bargraph)
- 15. Control button PRG / +
- 16. Reset
- 17. Control button MAN / -
- 17. Shows the day in the week
- 18. Indication of the pulse/cyclic output
- 19. Indication (2nd channel)
- 20. AM/PM indication in 12h format
- 21. Shows summer/winter mode
- 22. Indication of switching hour of the day
- 23. Channel 2 (bargraph)
- 24. Control button MAN2 / ESC
- 25. Control button OK

Connection



Symbol

