



backlit display

The new range of time switches are a great economic technical solution for time management in different applications.

These time switches consist of products that are easy to read thanks to 1 "1/3 backlit LCD display with large numbers, which thanks to the optimal contrast, allows to visualize immediately the load status as well as the day, the current time and if a manual intervention was selected. The performance offered make them suitable for use in various applications to run programs with interventions lasting a minimum of one second, up to interventions that can last up to a week. Thanks to the internal memory, you can save up to 20 ON-OFF programs that, in weekly versions, can be grouped into groups of days or different for each day of the week. The wide offer of time switches allows you to find always the product to fit your needs. They are available in daily and weekly versions, with one or two contacts, with or without the daylight saving time change.

SPECIAL FEATURES

- Large 1 "1/3 display
- Minimum ON / OFF Programming 1 second
- Programming even past midnight, between different days
- Memory capacity: 20 ON / OFF programs coupled in blocks of days
- EEPROM memory to maintain the programs beyond the power reserve
- Power reserve: 15 days
- Hinged protective cover
- Sealable protective cover
- Terminals 6 sq.m.
- Terminals with captive screws

KEY

PROGR = programming input

= selection of desired program 1 or 2

DAY = selection of day / group of days

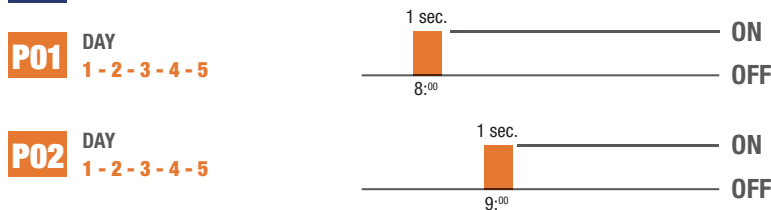
= data input ON status / OFF status

PROGR = programming end

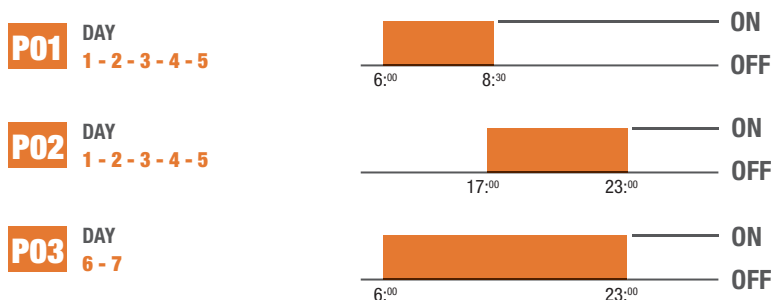
Possibility of manual override of ON / OFF permanent status

PROGRAMMING EXAMPLES

1 Automatic gate opening at h. 8:00 and closing at h. 9:00



2 Control box time profiles in zone systems



TIME SWITCHES WITH AUTOMATIC DAYLIGHT SAVING TIME CHANGE

110 7080

Digital daily time switch with automatic daylight saving time change 1 channel - 2 DIN

1 potential-free changeover contact 

110 7081

Digital weekly time switch with automatic daylight saving time change 1 channel - 2 DIN

1 potential-free changeover contact 

110 7281

Digital weekly time switch with automatic daylight saving time change 2 channels - 2 DIN

2 potential-free changeover contacts 

TIME SWITCHES WITHOUT AUTOMATIC DAYLIGHT SAVING TIME CHANGE

110 6080

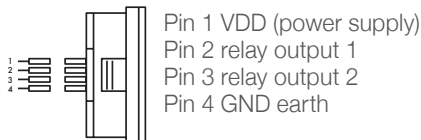
Digital daily time switch without daylight automatic saving time change 1 channel - 2 DIN

1 potential-free changeover contact 

110 6081

Digital weekly time switch without automatic daylight saving time change 1 channel - 2 DIN

1 potential-free changeover contact 



DIGITAL DAILY TIME SWITCH MODULES WITH AUTOMATIC DAYLIGHT SAVING TIME CHANGE

110 1080/M

Digital daily time switch module with automatic daylight saving time change 1 channel

110 1280/M

Digital daily time switch module with automatic daylight saving time change 2 channels

110 1081/M

Digital weekly time switch module with automatic daylight saving time change 1 channel

110 1281/M

Digital weekly time switch module with automatic daylight saving time change 2 channels

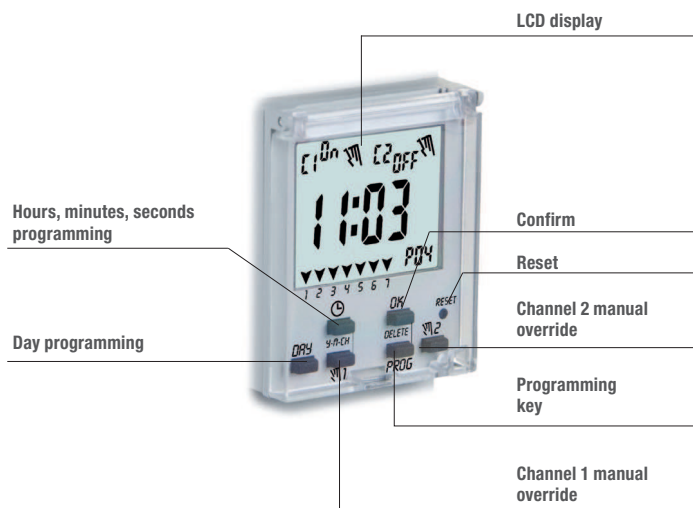
TECHNICAL SPECIFICATIONS

110	With automatic daylight saving time change			Without automatic daylight saving time change	
	7080	7081	7281	6080	6081
Daily programming	●			●	
Daily - weekly programming		●	●		●
Output channels n.	1	1	2	1	1
Automatic daylight saving time change	●	●	●		
ON-OFF minimum time 1 second	●	●	●	●	●
Backlit display	●	●	●	●	●

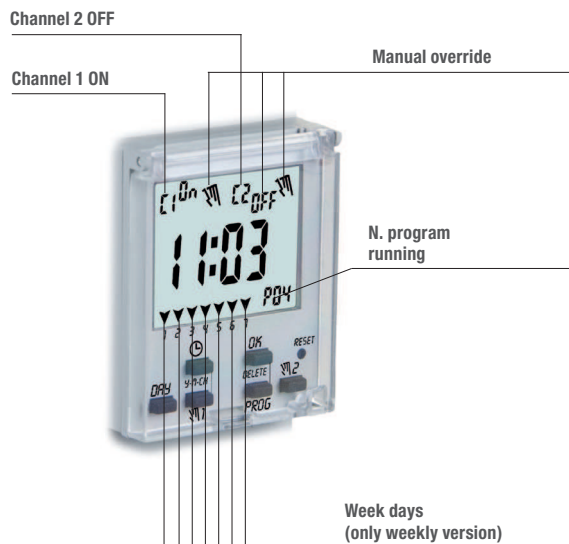
Power supply voltage	230V a.c. 50 - 60Hz
Contact rated data	potential-free NC contact 16 (2) A / 250V a.c.
Max program number (ON-OFF)	20 (matchable in blocks of days)
ON - OFF minimum connection time	1 second
Displays	1" 1/3 backlit LCD display
Max. commutable power	3500 VA (for individual contact)
Power: Incandescent LPs	2300 W
Power: Fluorescent tube LPs, not compensated	1000 W
Power: Parallely comp. fluorescent tube LPs	500W (tot capacity 70 µF)
Power: Compact, fluorescent LPs	600W
Max cross-section of wires to terminals	6 mm ²
Protection degree (IP)	IP 20 - IP 40 (on rear of switchboard)
Type of output	terminals with captive screw
Insulation class	II □
ON / OFF relay signalling	ON / OFF in LCD display
Charge reserve	max 15 days
Type of reserve	NiMH rechargeable battery
Time tolerance	+ - 0.5 sec / day
Operating temperature limits	0°C / +50°C
Storing temperature	-10°C / +50°C
Type of installation	DIN rail / on rear of switchboard
Housing	thermoplastic - grey RAL 7035
Type of use	civil / tertiary / industrial
Controls	programming keys, ON / OFF manual override key
Clock setting accuracy	digital for hours / minutes
Daylight saving time change	for 4 geographic ares
Digital programming	for hours / minutes / seconds
Dimensions (L x W x H) mm	35 x 60 x 90

The large backlit display allows for a clear and immediate reading of the relays status, current time and day and any manual override.

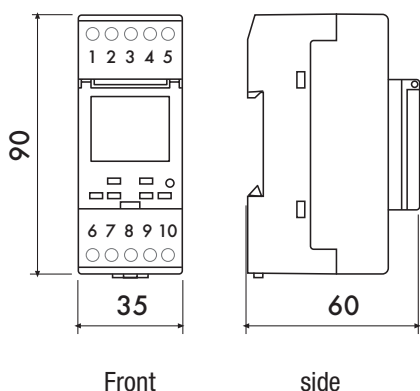
DISPLAY AND KEYS FUNCTION



ICONS DISPLAY



DIMENSIONS (mm)



WIRING DIAGRAM

