

T M E



SIM PLEXA – Digital time switches



Made in
GERMANY



Digital time switches

SIMPLEXA 601 and 602

The decisive 8 plus points



+ Clear plastic cover protects against dirt

+ Fail safe thanks to extremely high interference immunity

+ Symbols facilitate operation:
☑ PROG: Write program
⌚ TIME: Enter time
1231 DATE: Enter date
** SU/WI: Summer/winter changeover rule

+ Easy programming of switching times for individual days of the week or set blocks of days

+ Less is more: Easy and logical operation with only four buttons

+ Manual ON/OFF switching

+ Sealing option protects against unauthorised adjustment

+ Terminal screws for all screwdrivers (slotted or cross-head)

Digital time switches

SIMPLEXA 1 and 2 channel

Less is more: Easy and logical operation



SIMPLEXA 601 and 602

- the manufacturer with almost infinite experience in timers

symbols for easy menu selection

accurate programming

reliability e.g. with installation next to switching contactors

adjustment of times or programs

Made in
GERMANY

made in Germany



AM / PM or 24 hour display options.

The clock symbol appears immediately after turn on. The display offers the selection between am / pm or 24 h. Confirm option with OK.



Automatic summer/winter time changeover can be selected or turned off.

The summer/winter time changeover can be set in the menu or turned off if not required. A separate time slot or fixed changeover date can be set in addition to the settings for the EU, USA, Canada, Israel, New Zealand and Iran.



Individual days, weekdays or weekends.

The switching times for the weekly program can be practically grouped together in blocks. That saves programming time and memory locations. Individual days, weekdays or weekends can be grouped together in blocks for the same switching times. With block 1-7 for all days of the week, the timer can function as a daily clock.



3 year power reserve via lithium cells.

The extra high performance lithium cells provides a reliable alternative even with longer power failures. That means safety and avoids having to reset the clock.



Manual switching for holiday program.

Each channel can be separately continuously turned on or off, for example for parties or holidays. You have the choice between automatic and manual switching.



More secure contact via terminal screws.

It does not matter if you feed 1, 2, or 3 wires to a terminal - you will have a solid connection. The solid terminal screws are ideally suitable for electric screw drivers.

Examples of use

Control with SIMPLEXA



- Advertising hoardings and neon signs
The lighting control of company logos, neon signs and information panels will be done automatically.

they are illuminated from inside or outside in the evening and night.

switched off, for example, during early morning between 1 and 4 o'clock.



- Watering control

Perfectly maintained glass surfaces are the rule for most sports events today.

the grass is watered at exactly the right time and with the right amount of water.

Examples of use

Control with SIMPLEXA



■ Display window and facade lighting

Illuminated display windows and facades light up city centers and invite people for shopping.

switched off at night from 1.00–6.00 to save energy.



■ Ventilation control

Time-controlled ventilation systems provide offices, factories and private buildings with a regular source of fresh air

in the mornings between 5.00 and 6.00

working hours

Digital time switches

SM PLEXA 601 and 602



SM PLEXA 601 - Connection diagram

SM PLEXA 601

- Short text and symbols for menu selection
- First day of the week can be selected
- Choice of 24 hour or 12 hour AM / PM time format

of weekdays

ming of individual points of switching program

- Date rule options for Europe, USA, Canada, Israel, New Zealand and Japan
- Additional date rule option can be set as required
- Changeover can be set according to fixed date



SM PLEXA 602 - Connection diagram

SM PLEXA 602

(28 memory locations per channel)

- Short text and symbols for menu selection
- First day of the week can be selected
- Choice of 24 hour or 12 hour AM / PM time format

blocks of weekdays

- Date rule options for Europe, USA, Canada, Israel, New Zealand and Japan
- Additional date rule option can be set as required
- Changeover can be set according to fixed date

Digital time switches

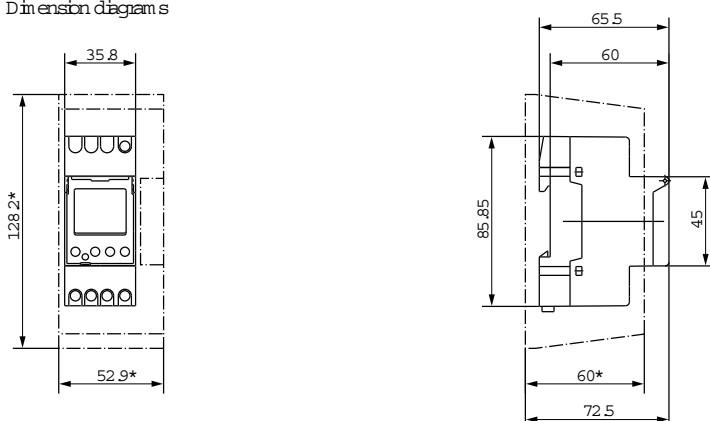
SM PLEXA 601 and 602

Technical data	230 V devices	110 V devices
Operating voltage		
Frequency	50–60 Hz	50–60 Hz
Contact	change-over contact	change-over contact
Opening width	< 3 mm (μ)	< 3 mm (μ)
Contact material	AgSnO ₂	AgSnO ₂
Max. switching capacity at 250 V~		
cos ϕ = 1	16 A	16 A
cos ϕ = 0.6	6 A	6 A
Incandescent lamp load	1400 W	700 W
Halogen lamp load	1400 W	700 W
Fluorescent lamps		
unconnected		
series-connected		
parallel-connected	μ F	μ F)
Compact fluorescent lamps	13x7 W, 13x11 W, 10x15 W, 8x23 W	6x7 W, 6x11 W, 5x15 W, 4x23 W
Time based on	quartz	quartz
Time accuracy		
Shortest switching time	1 minute	1 minute
Switching accuracy	to the second	to the second
Keyboards	4 touch buttons and reset button	4 touch buttons and reset button
Power reserve	approx. 3 years (lithium cell)	approx. 3 years (lithium cell)
Permissible ambient temperature		
Power consumption		
Housing and insulation material	high-temperature resistant, self-extinguishing thermoplastic	high-temperature resistant, self-extinguishing thermoplastic
Weight	approx. 130 g (1 channel), 160 g (2 channel)	approx. 130 g (1 channel), 160 g (2 channel)
Protection rating in accordance with EN 60 529	IP 20	IP 20
Protection class in accordance with EN 60 730-1	II	II
Certification		dJL

SM PLEXA 601 (1 channel)	230 V device	110 V device
Order number	601 0 001	601 1 001
Accessories:		
Installation set for surface mounting	907 0 064	907 0 064

SM PLEXA 602 (2 channel)	230 V device	110 V device
Order number	602 0 001	602 1 001
Accessories:		
Installation set for surface mounting	907 0 064	907 0 064

Dimension diagrams



*with terminal cover

Terminal cover





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