

# Digital time switches

## SIMPLEXA 601 and 602



SIMPLEXA 601 – Connection diagram

### SIMPLEXA 601

- 1 channel
- 110–120 V or 220–230 V
- Daily and weekly program
- 28 memory locations
- Permanent ON/OFF switching
- Large LCD display
- Operation via 4 buttons in a row
  - 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
- Easy programming of individual days and set blocks of weekdays
- Semi-automatic function option through programming of individual points of switching program
- Automatic summer/winter time correction option
  - Date rule options for Europe, USA, Canada, Israel, New Zealand and Iran
  - Additional date rule option can be set as required
  - Changeover can be set according to fixed date
- Extended temperature range –20 °C to +55 °C
- Extremely accurate:  $\pm 1$  s/day
- Clear plastic cover
- Sealing option
- Floating two way switches 16 (6) A/250 V~
- Screw terminals



SIMPLEXA 602 – Connection diagram

### SIMPLEXA 602

- 2 channels
- 110–120 V or 220–230 V
- Daily and weekly program
- 56 memory locations (28 memory locations per channel)
- Permanent ON/OFF switching
- Large LCD display
- Operation via 4 buttons in a row
  - 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
- Easy programming of individual days and set blocks of weekdays
- Automatic summer/winter time correction option
  - Date rule options for Europe, USA, Canada, Israel, New Zealand and Iran
  - Additional date rule option can be set as required
  - Changeover can be set according to fixed date
- Extended temperature range –20 °C to +55 °C
- Extremely accurate:  $\pm 1$  s/day
- Clear plastic cover
- Sealing option
- 2 floating two way switches 16 (6) A/250 V~
- Screw terminals

# Digital time switches

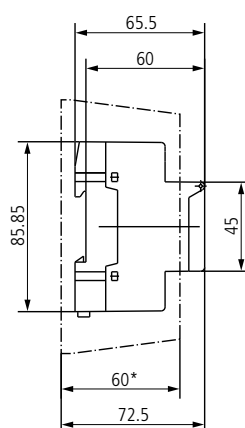
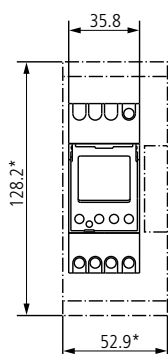
## SIMPLEXA 601 and 602

Technical data	230 V devices	110 V devices
Operating voltage	220–230 V~, +10 %/–15 %	110–120 V~, +10 %/–15 %
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 <sub>2</sub>	AgSnO <sub>2</sub>
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		
uncorrected	1400 VA	700 VA
series-corrected	1400 VA	700 VA
parallel-corrected	220 VA (24 μF)	110 VA (24 μF)
Compact fluorescent lamps	13x 7 W, 13x 11 W, 10x 15 W, 8x 23 W	6x 7 W, 6x 11 W, 5x 15 W, 4x 23 W
Time based on	quartz	quartz
Time accuracy	±1 s/day at 20 °C	±1 s/day at 20 °C
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	–20 °C to +55 °C	–20 °C to +55 °C
Power consumption	typically 4.5 VA	typically 3 VA
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		cUL

SIMPLEXA 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

SIMPLEXA 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



Terminal cover



\*with terminal cover