

Common functions

- Daily and weekly program
- Permanent ON/OFF switching

- Big LCD display
- Operation via 4 buttons in a row
 - Short texts and pictographs in the display
 - First day of the week can be set, e.g. Monday = 1
 - Time format selectable 24 h or 12 h AM/PM

- Easy programming of switching times to single days and fixed groups of days

- Automatic summer-/winter time correction (daylight saving time)
 - can be disabled or freely selected
 - summer-/winter time rules for Europe, USA, Canada, Israel, New Zealand and Iran
 - additional free rule or fixed dates for time correction are programmable

- Permissible ambient temperature - 20 °C ... + 55 °C
- Time accuracy: ± 1 s/Tag
- Transparent captive cover, sealable
- Changeover contacts (potential-free) 16 (6) A / 250V~
- Screw terminals

SIMPLEXA 601

- 1 Channel with 28 memory locations

SIMPLEXA 602

- 2 Channels with 56 memory locations (28 memory locations each channel)

Technical Data	SIMPLEXA 601	SIMPLEXA 602
Nominal voltage	220 – 230 V~, +10%/-15%	220 – 230 V~, +10%/-15%
Frequency	50 – 60 Hz	50 – 60 Hz
Switching contact	1 changeover switch	2 changeover switches
Opening width	< 3 mm (μ)	< 3 mm (μ)
Contact material	Ag Sn O ₂	Ag Sn O ₂
Switching capacity at 250 V~		
cos phi = 1	16 A	16 A
cos phi = 0,6	6 A	6 A
Incandescent lamp load	1400 W	1400 W
Halogen lamp load	1400 W	1400 W
Fluorescent lamps		
uncorrected	1400 VA	1400 VA
series-corrected	1400 VA	1400 VA
parallel-corrected	220 VA (24 μF)	220 VA (24 μF)
Compact fluorescent tubes	13x 7 W, 13x 11 W, 10x 15 W, 8x 23 W	13x 7 W, 13x 11 W, 10x 15 W, 8x 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
Keyboard	4 touch buttons + Reset	4 touch buttons + Reset
Power reserve	approx. 3 years (lithium cell)	approx. 3 years (lithium cell)
Permissible ambient temperature	- 20 °C ... + 55 °C	- 20 °C ... + 55 °C
Power consumption	typically 4,5 VA	typically 4,5 VA
Housing and insulation material	high-temperature resistant, self-extinguishing thermoplastic	high-temperature resistant, self-extinguishing thermoplastic
Protection rating (EN 60 529)	IP 20	IP 20
Protection class (EN 60 730-1)	II	II
Weight	approx. 130 g	approx. 160 g
Order number	601 0 001	602 0 001
EAN-Code	4003468601006	4003468602003
Accessories:		
Terminal cover for wall mounting (sealable)	907 0 064	907 0 064

Technical Data	SIMPLEXA 601	SIMPLEXA 602
Nominal voltage	110 – 120 V~, +10%/-15%	110 – 120 V~, +10%/-15%
Frequency	50 – 60 Hz	50 – 60 Hz
Switching contact	1 changeover switch	2 changeover switches
Opening width	< 3 mm (μ)	< 3 mm (μ)
Contact material	Ag Sn O ₂	Ag Sn O ₂
Switching capacity at 250 V~		
cos phi = 1	16 A	16 A
cos phi = 0,6	6 A	6 A
Incandescent lamp load	700 W	700 W
Halogen lamp load	700 W	700 W
Fluorescent lamps		
uncorrected	700 VA	700 VA
series-corrected	700 VA	700 VA
parallel-corrected	110 VA (24 μF)	110 VA (24 μF)
Compact fluorescent tubes	6x 7 W, 6x 11 W, 5x 15 W, 4x 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
Keyboard	4 touch buttons + Reset	4 touch buttons + Reset
Power reserve	approx. 3 years (lithium cell)	approx. 3 years (lithium cell)
Permissible ambient temperature	- 20 °C ... + 55 °C	- 20 °C ... + 55 °C
Power consumption	typically 3 VA	typically 3 VA
Housing and insulation material	high-temperature resistant, self-extinguishing thermoplastic	high-temperature resistant, self-extinguishing thermoplastic
Protection rating (EN 60 529)	IP 20	IP 20
Protection class (EN 60 730-1)	II	II
Weight	approx. 130 g	approx. 160 g
Order number	601 1 001	602 1 001
EAN-Code	4003468601013	4003468602010
Accessories:		
Terminal cover for wall mounting (sealable)	907 0 064	907 0 064

Technical Data	230 V Devices	110 V Devices
Nominal voltage	220 – 230 V~, +10%/-15%	110 – 120 V~, +10%/-15%
Frequency	50 – 60 Hz	50 – 60 Hz
Switching contact SIMPLEXA 601 SIMPLEXA 602	1 changeover switch 2 changeover switches	1 changeover switch 2 changeover switches
Opening width	< 3 mm (μ)	< 3 mm (μ)
Contact material	Ag Sn O ₂	Ag Sn O ₂
Switching capacity at 250 V~ cos phi = 1 cos phi = 0,6	16 A 6 A	16 A 6 A
Incandescent lamp load	1400 W	700 W
Halogen lamp load	1400 W	700 W
Fluorescent lamps uncorrected series-corrected parallel-corrected	1400 VA 1400 VA 220 VA (24 μF)	700 VA 700 VA 110 VA (24 μF)
Compact fluorescent tubes	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
Keyboard	4 touch buttons + Reset	4 touch buttons + Reset
Power reserve	approx. 3 years (lithium cell)	approx. 3 years (lithium cell)
Permissible ambient temperature	- 20 °C ... + 55 °C	- 20 °C ... + 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
Protection rating (EN 60 529)	IP 20	IP 20
Protection class (EN 60 730-1)	II	II
Weight SIMPLEXA 601 SIMPLEXA 602	approx. 130 g approx. 160 g	approx. 130 g approx. 160 g
Device order numbers / EAN-codes 1 channel devices	601 0 001 4003468601006	601 1 001 4003468601013
2 channel devices	602 0 001 4003468602003	602 1 001 4003468602010
Accessories: Terminal cover for wall mounting (sealable)	907 0 064	907 0 064