

## DIN-rail time switches

### Features

- Backlight
- PIN-Code
- Hour counter with service function
- External input
- 12h/24h time setting
- Switching state display
- Weekly program (ON/OFF, pulse, cycle)
- Holiday program (ON/OFF, pulse, cycle, OFF)
- Data transmission (talento taxi)
- Shortest switching time: 1 sec.
- Autom. summertime / wintertime changeover: automatic / free selectable / OFF
- Manual switch: Automatic / Override / fix ON/OFF
- Free weekday block formation
- Random generator
- Sealable
- Non-volatile memory (EEPROM)

### Applications

- Advertising signs
- Street lighting
- Shop window lighting
- Home & work environment
- Devices, motors and pumps control
- Shutters control
- Simulation of home presence



#### talento 471 pro (1 channel)

Voltage	EAN-Code 4010940	Ord.-No.	Languages operating manual
24 V AC/DC, 110-230 V AC	041991	03.98.0001.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042387	03.98.0009.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042806	03.98.0017.1	NO, SV, DA, FI

#### talento 472 pro (2 channels)

24 V AC/DC, 110-230 V AC	042004	03.98.0002.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042394	03.98.0010.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042813	03.98.0018.1	NO, SV, DA, FI
12 V AC/DC	042011	03.98.0003.1	DE, FR, IT, CS, HU
12 V AC/DC	042400	03.98.0011.1	EN, ES, PT, NL, PL
12 V AC/DC	042820	03.98.0019.1	NO, SV, DA, FI

#### talento 471 pro, talento 472 pro

- 100 Memory spaces



#### talento 791 pro (1 channel)

24 V AC/DC, 110-230 V AC	042028	03.98.0004.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042417	03.98.0012.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042837	03.98.0020.1	NO, SV, DA, FI

#### talento 792 pro (2 channels)

24 V AC/DC, 110-230 V AC	042035	03.98.0005.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042424	03.98.0013.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042844	03.98.0021.1	NO, SV, DA, FI

#### talento 791 pro, talento 792 pro

- 100 Memory spaces
- Astro program



#### talento 881 pro (1 channel)

24 V AC/DC, 110-230 V AC	042042	03.98.0006.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042431	03.98.0014.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042851	03.98.0022.1	NO, SV, DA, FI

#### talento 882 pro (2 channels)

24 V AC/DC, 110-230 V AC	042059	03.98.0007.1	DE, FR, IT, CS, HU
24 V AC/DC, 110-230 V AC	042448	03.98.0015.1	EN, ES, PT, NL, PL
24 V AC/DC, 110-230 V AC	042868	03.98.0023.1	NO, SV, DA, FI
12 V AC/DC	042066	03.98.0008.1	DE, FR, IT, CS, HU
12 V AC/DC	042455	03.98.0016.1	EN, ES, PT, NL, PL
12 V AC/DC	042875	03.98.0024.1	NO, SV, DA, FI

#### talento 881 pro, talento 882 pro

- 400 Memory spaces
- Astro program
- Annual program (ON/OFF, pulse, cycle)

## Technical data

	talento 471/472 pro		talento 791/792 pro		talento 881/882 pro	
Dimensions H x W x D (mm)	45 x 35 x 60					
Width	2 modules					
Distributor cut-out (mm)	46 x 36					
Installation type	DIN-rail					
Weight (g) approx.	170					
Connection voltage	24 V AC/DC / 110 - 230 V AC / 50-60 Hz					
Power consumption at 230 V~ (AC)	1 VA					
Switch contacts	1 CO	1 CO + 1 NO	1 CO	1 CO + 1 NO	1 CO	1 CO + 1 NO
Switching output	phase-independent (zero cross switching)					
Opening width	< 3 mm					
Lamp type	16 A / 250 V, $\cos \varphi = 1$					
- Resistive	10 A / 250 V, $\cos \varphi = 0,6$					
- Inductive	2600 W					
- Incandescent	1000 VA					
- Fluorescent	1000 VA					
Uncorrected	730 VA (80 $\mu$ F)					
Serial corrected	1000 VA					
Parallel corrected	1000 VA					
Lead-lag (duo)	2600 W					
- Halogen lamp load	22x7 W, 18x11 W, 16x15 W, 16x20 W, 14x23 W					
- Compact fluorescent lamp	37x7 W, 30x11 W, 26x15 W, 26x20 W, 11x23 W					
- Energy saving lamps 230 V	4000 VA / 750 VA					
Rated load AC1/AC15	300 mW					
Min. switching load	800 mA / 300 mA / 150 mA					
DC Switching capacity (24V-/50V-/220V-)	high-temperature resistant, self-extinguishing thermoplastic					
Housing and insulation material	-25°C* ... +55°C					
Ambient temperature	II					
Protection class (EN60730-1)	IP 20					
Protection class (EN60529)	Typ $\pm 0,3$ sec./day at +20°C					
Accuracy	Quartz					
Time basis	10 years ex works at +20°C (Replaceable battery CR2450)					
Power reserve	1 - 4 mm <sup>2</sup>					
Max. terminal capacity	Captive $\pm$ screw terminal					
Connection type	CR2450					
Battery type						

Accessories	
Handheld programming device / PC-software	see page 20
Assembly accessories	see page 28

\* Limited display readability possible, however full functionality guaranteed.

### Dimensional drawings / circuit diagrams:

