

## Digital DIN-rail time switches

- Daily and weekly program
  - 50 Memory spaces
  - Date-dependent switching programs
  - Automatic summer time /winter time changeover
  - 3 years running reserve
  - Manual switch: FIX ON / FIX OFF
  - Free weekday block formation
  - Non-volatile memory (EEPROM)
  - Pulse and cycle function
  - Random switching
  - External input
  - PC-supported program creation
  - Synchronisation time/date through optical wave guides
- Applications**
- Advertising signs
  - Street lighting
  - Shop window lighting
  - Home & work environment
  - Devices, motors and pumps control
  - Sun blinds
  - Shutters control
  - Simulation of home presence

	Voltage	EAN-Code 4010940	Ord.-No.	Icon	Language	
	<b>talento 471 plus</b>					
	230 V/50-60 Hz	033941	03.75.0001.1		set 1	
	110-120 V/50-60 Hz	034054	03.75.0005.1		set 1	
	230 V/50-60 Hz	036188	03.75.0007.1		set 2	
	<b>talento 472 plus</b>					
	230 V/50-60 Hz	033958	03.75.0002.1		set 1	
	110-120 V/50-60 Hz	034061	03.75.0006.1		set 1	
	230 V/50-60 Hz	036195	03.75.0008.1		set 2	
	<p><b>talento 471 plus, talento 472 plus</b></p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">   <small>External input for Countdown or Override</small> </div> <div style="text-align: center;">   <small>3a Lithium</small> </div> <div style="text-align: center;">   <small>sec./min./days</small> </div> <div style="text-align: center;">   <small>± 1h AUTO</small> </div> <div style="text-align: center;">   <small>RND</small> </div> <div style="text-align: center;">   <small>Fix...99x24h</small> </div> <div style="text-align: center;">   <small>language set 1 D, GB, F, I, E, P, CZ, NL</small> </div> <div style="text-align: center;">   <small>language set 2 GB, S, N, DK, FIN, L, H</small> </div> </div>					
		<b>talento 671 plus DCF</b>				
230 V/50-60 Hz		033965	03.75.0003.1		set 1	
110-120 V/50-60 Hz		034047	03.75.0004.1		set 1	
230 V/50-0 Hz		036201	03.75.0009.1		set 2	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">   <small>External input for Countdown or Override</small> </div> <div style="text-align: center;">   <small>10a Lithium</small> </div> <div style="text-align: center;">   <small>sec./min./days</small> </div> <div style="text-align: center;">   <small>Master</small> </div> <div style="text-align: center;">   <small>RND</small> </div> <div style="text-align: center;">   <small>Fix...99x24h</small> </div> <div style="text-align: center;">   <small>language set 1 D, GB, F, I, E, P, CZ, NL</small> </div> <div style="text-align: center;">   <small>language set 2 GB, S, N, DK, FIN, L, H</small> </div> </div> <p>– IR interface included</p>						
<p>Amplifier module talento VM plus, see page 30</p> <p>Optical waveguide, see page 30</p> <p>Radio antenna DCF77 and GPS, see page 32</p> <p>Software talento dialog plus, see page 32</p> <p>Assembly accessories see page 46</p>						

Technical Data

	talento 471 plus	talento 472 plus	talento 671 plus
Dimensions H x W x D (mm)	45 x 35 x 60	45 x 35 x 60	45 x 35 x 60
Distributor cut-out (mm)	46 x 36	46 x 36	46 x 36
Weight (g) approx.	170	170	220
Connection voltage	230 V/50-60 Hz 110-120 V/50-60 Hz	230 V/50-60 Hz 110-120 V/50-60 Hz5 VA	230 V/50-60 Hz 110-120 V/50-60 Hz5 VA
Power consumption at 230 V AC	5 VA	5 VA	5 VA
AC switching capacity			
– ohmic load (VDE, IEC)	16 A/250 V AC	16 A/250 V AC	16 A/250 V AC
– inductive load cos. φ 0.6	8 A/250 V AC	8 A/250 V AC	8 A/250 V AC
– Incandescent lamp load	1000 W	1000 W	1000 W
DC switching capacity 24 V DC/50 V DC/220 V DC	800 mA/300 mA/150 mA	800 mA/300 mA/150 mA	800 mA/300 mA/150 mA
Switch contacts	1 changeover contact	1 changeover contact + 1 NO	1 changeover contact
Ambient temperature	-10°C ... +55°C	-10°C ... +55°C	-10°C ... +55°C
Protection class	II	II	II
Accuracy	typ ± 1 s/day at +20°C	typ ± 1 s/day at +20°C	typ ± 1 s/day at +20°C
Power reserve	3 years from factory at +20°C	3 years from factory at +20°C	3 years from factory at +20°C
Shortest switching time	1 sec	1 sec	1 sec
Programmable every	min	min	min
Memory spaces	50	50	50
Manual switch	automatic Fix ON/Fix OFF	automatic Fix ON/Fix OFF	automatic Fix ON/Fix OFF
Block formation of weekdays	free assignment	free assignment	free assignment
Holiday program/date range	yes	yes	yes
Display lighting	yes	yes	yes
Random generator	up to 30 min	up to 30 min	up to 30 min
Switching state display	yes	yes	yes
Pulse switching commands	yes: sec, min, h, days	yes: sec, min, h, days	yes: sec, min, h, days
Cycle switching commands	yes: sec, min, h, days	yes: sec, min, h, days	yes: sec, min, h, days
Summer/winter time changeover	automatic/freely selectable/off	automatic/freely selectable/off	automatic/freely selectable/off
External output	yes	yes	yes
– Override	yes	yes	yes
– Countdown	20 min/in steps of 30 sec	20 min/in steps of 30 sec	20 min/in steps of 30 sec
DCF 77 input	–	–	yes
Max. Terminal capacity	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Connection type	captive ± screw terminals	captive ± screw terminals	captive ± screw terminals
Sealable	yes	yes	yes

Dimensional drawings / circuit diagrams:

