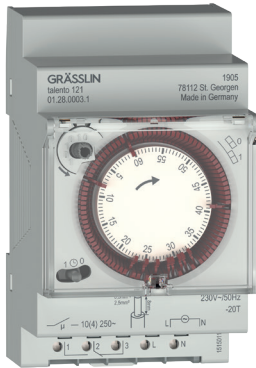


## Time and light control

### Analogue timers, DIN rail, Switching segments, 3 modules



talento 121



talento 211



talento 111

#### Description

- The analogue DIN rail time switches from the house of Grässlin allow switching commands in daily program as well as in the 1-hour program. The products are mostly equipped with motion work, thus setting the time - especially in the weekly version - is much easier. Time and switching times can be checked at a glance, resulting in versatile application possibilities, such as passage way lighting in underpasses, showcase lighting in boutiques or control of pumps in fountains.

#### talento 121

- 60 minutes program
- Without power reserve

#### talento 111

- Daily program
- Without power reserve

#### talento 211

- Daily program
- With power reserve
- Quartz controlled

#### Product selection

Program	Channels	Power reserve	Shortest switching time	Programmable every	Contact	Operating voltage	Type	Article number
60 minutes program	1	–	37,5 s	37,5 s	Changeover contact	230 V AC	talento 121	01.28.0003.1
Daily program	1	–	15 min	15 min	Changeover contact	230 V AC	talento 111	01.28.0001.1
		3 days	15 min	15 min	Changeover contact	110–230 V AC	talento 211	02.28.0001.1

# Time and light control

## Analogue timers, DIN rail, Switching segments, 3 modules

### Technical data

	talento 121	talento 111	talento 211
Operating voltage	230 V AC		110–230 V AC
Frequency	50 Hz		50–60 Hz
Width	3 modules		
Installation type	DIN rail		
Program	60 minutes program	Daily program	
Power reserve	–		3 days, approx. 50 hours at 110 V
Switching capacity at 250 V AC, cos phi = 1	10 A	16 A	
Switching capacity at 250 V AC, cos phi = 0,6	4 A		
Incandescent/halogen lamp load	1100 W		
LED lamps < 2 W (typ.)	20 W		
LED lamps > 2 W (typ.)	180 W		
Programmable every	37,5 s	15 min	
Shortest switching times	37,5 s	15 min	
Time accuracy at 25 °C	Synchronised with mains		≤ ± 1 s/day (Quartz)
Stand-by consumption	0,9 W	0,5 W	
Type of protection	IP 20		
Protection class	II according to EN 60 730-1		
Ambient temperature	–20 °C ... +55 °C		

### Connection examples

