Time switch technology

Analogue time switches, DIN-rail, switching segments, 3 modules



talento 121



talento 111/talento 111 SK



talento 211/talento 211 SK

Description

These analogue distributor time switches by Grässlin enable switch commands to be issued in both daily programs and 1-hour programs. The majority of these products are equipped with a pointer mechanism, making it much easier for the time to be set – particularly in the weekly program version. The time and switching times can be checked at a glance, resulting in a wide array of usage options, such as lighting for underpasses, display window lighting in boutiques or pump control in fountains.

talento 121
- 60 minute program
- Without power reserve

talento 111
- Daily program
- Without power reserve

talento 211
- Daily program
- With power reserve
- Quartz controlled

Product selection

Program	Number of channels	Power reserve	Shortest switching time	Programmable every	Type of contact	Operating voltage	Type of connection	Type	Item no.
60 minute program	1	–	37.5 s	37.5 s	Changeover contact	230 V AC	Plug-in terminal	talento 121	01.28.0003.1
Daily program	1	–	15 min	15 min	Changeover contact	230 V AC	Plug-in terminal	talento 111	01.28.0001.1
							Screw terminal	talento 111 SK	01.28.1001.1
		3 days	15 min	15 min	Changeover contact	110–230 V AC	Plug-in terminal	talento 211	02.28.0001.1
							Screw terminal	talento 211 SK	02.28.1001.1

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		
Type of installation	DIN-rail		
Type of contact	Changeover contact		
Program	60 minute 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 lamp < 2 W (typ.)	20 W		
LED lamp > 2 W (typ.)	180 W		
Shortest switching time	37.5 s	15 min	
Programmable every	37.5 s	15 min	
Time accuracy at 25 °C	Synchronised with mains		≤ ± 1 s/day (Quartz)
Standby output	0.9 W	0.5 W	
Protection rating	IP 20		
Protection class	II as per EN 60 730-1		
Ambient temperature	–20 °C … +55 °C		

Connection examples

