

Analogue time switches

	TSSD1C0	TSSD1N0	TSQW1C0	TSQD1C0	TSQD1N0
General					
Operating voltage	230V AC	230 V AC	110 - 230 V AC	110 - 230 V AC	230 - 240 V AC
Frequency	50 Hz	50 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Stand-by power	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Time control	Net	Net	Quartz	Quartz	Quartz
Accuracy	acc. Net	acc. Net	± 1 sec. / day	± 1 sec. / day	± 1 sec. / day
Power reserve	-	-	200 hrs / 100 hrs at 110 V	200 hrs/ 100 hrs at 110 V	±3 days
Battery type	-	-	NiMH	NiMH	NiMH
Degree of protection (EN 60529)	IP20	IP20	IP20	IP20	IP20
Ambient temperature	-20 °C...+55 °C	-20 °C...+50 °C	-20 °C...+55 °C	-20 °C...+55 °C	-10 °C...+50 °C
Protection class (EN 60730-1)	II	II	II	II	II
Switching contact(s)					
Type of switching contact	1 x CO	1 x NO	1 x CO	1 x CO	1 x NO
Switching capacity at 250 V~, cos = 1	16 A	16 A	16 A	16 A	16 A
Switching capacity at 250 V~, cos = 0,6	4A	4 A	4 A	4 A	4 A
Programming features					
Period of program	Day	Day	Week	Day	Day
Number of channels	1	1	1	1	1
Minimum cycle time	15 min.	15 min.	2 hrs	15 min.	15 min.
Programmable	every 15 min.	every 15 min.	every 2 hrs	every 15 min.	every 15 min.
Program steps	96	96	84	96	96
Manual / Hand / Permanent switching ¹⁾	On, Off, Auto	On, Off, Auto	On, Off, Auto	On, Off, Auto	On, Off, Auto
Switching status indication	x	x	x	x	x
Dimensions and weight					
Number of module width	3	1	3	3	1
Dimensions Width	52.5 mm	17.5 mm	52.5 mm	52.5 mm	17.5 mm
Height	90 mm	90 mm	90 mm	90 mm	90 mm
Depth	65.5 mm	65.5 mm	65.5 mm	65.5 mm	65.5 mm
Mounting	DIN-rail	DIN-rail	DIN-rail	DIN-rail	DIN-rail
Terminals					
Terminal screw size	M3.5	M3.5	M3.5	M3.5	M3.5

¹⁾ Remark

ON = Permanent ON

OFF = Permanent OFF

Hands = ON or OFF. valid until next program cycle overrules

Auto = According program

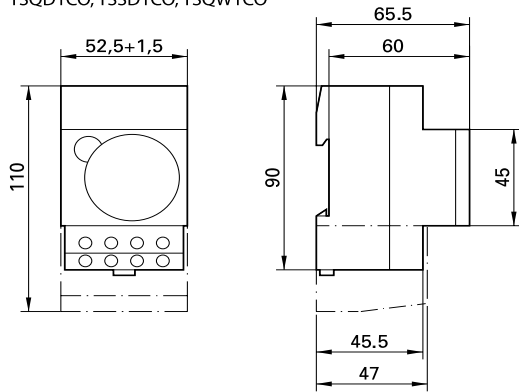
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Technical data

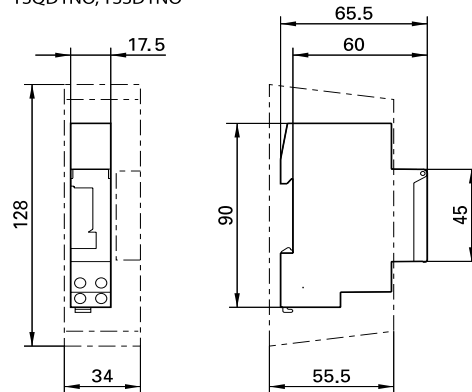
Control and switching devices dimensions and data

Analogue daily and weekly timers, dimensional drawings

TSQD1CO, TSSD1CO, TSQW1CO

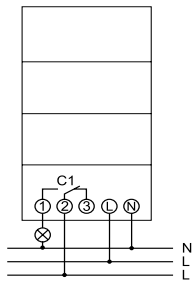


TSQD1NO, TSSD1NO



Analogue daily and weekly time switches, wiring diagrams

TSQD1CO, TSSD1CO, TSQW1CO



TSQD1NO, TSSD1NO

