

ANALOGUE TIME SWITCHES

müller VS 3x.x8 - paladin 13x x20



Overview

- Daily or weekly program
- Slim format 52,5 mm
- Captive setting keys
- Manual override switch Permanent ON / Permanent OFF / AUTO
- Analogue display (clock display)

Intended use

- The device fits for the particular use of the following tasks: Illumination of private and industrial areas, street and shop-window lightening, regulation of air conditioning, flushing, motors, pumps, plants and machinery as well as to simulate presence etc.
- Operate the device in a dry room only!
- The installation must be in accordance with the instruction manual.
- The device is not qualified for security relevant tasks such as emergency doors, fire protection equipment.

Supply voltage versions

- 230 V, 50-60 Hz
- 115 V, 50-60 Hz
- 12-24 V DC & 24-48 V, 50-60 Hz

Order numbers

■ müller	■ paladin	
VS 30.18	131 120	Day without reserve
VS 34.18	134 120	Day with reserve
VS 30.38	131 420	Week without reserve
VS 34.38	134 420	Week with reserve

ANALOGUE TIME SWITCHES

müller VS 3x.x8 - paladin 13x x20

Order information

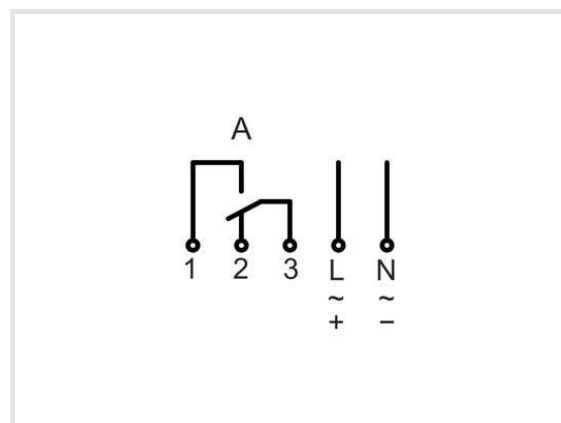
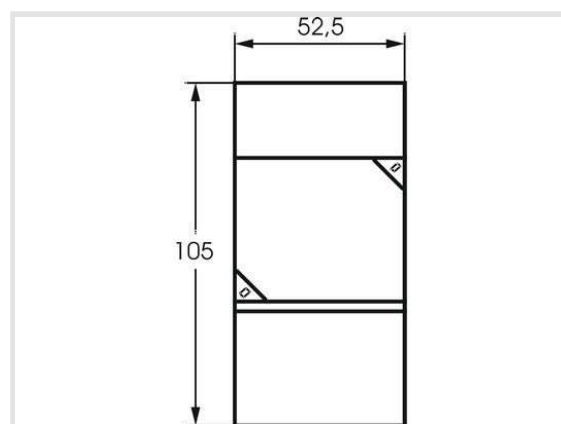
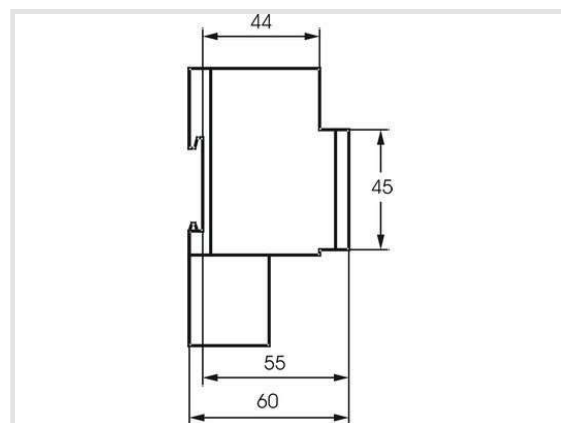
	Voltage	EAN	Art. No.
VS 30.18	230 V 50-60 Hz	4022709218520	21852
VS 30.18	12-24 V DC & 24-48 V, 50-60 Hz	4022709222541	22254
VS 34.18	230 V 50-60 Hz	4022709218544	21854
VS 30.38	230 V 50-60 Hz	4022709220189	22018
VS 34.38	230 V 50-60 Hz	4022709220196	22019
131 120	230 V 50-60 Hz	4011732004316	00431
134 120	230 V 50-60 Hz	4011732004668	00466
131 420	230 V 50-60 Hz	4011732004446	00444
134 420	230 V 50-60 Hz	4011732004781	00478

Other supply voltage versions on request

Technical data

Supply voltages	230 V, 50-60 Hz
Power consumption (real power)	0,4
Switch (potential-free)	Change-over, contact gap < 3mm (μ)
Manual override switch	Permanent ON / Permanent OFF / AUTO
Contact material	AgSnO ₂
Switching capacity	
resistive load:	16 A / 250 V~ at cosφ=1
inductive load:	2,5 A / 250 V~ at cosφ=0,6
Min. switching power	1.000 mW (10 V / 10 mA)
Filament Lamp, Halogen Lamp	2.000 W
Fluorescent Lamp uncompensated	1.000 W
Fluorescent Lamp series compensated	750 W
LED (230 V~) / CFL	200 W
Minimum switching interval	
day dial:	30 Min.
week dial:	2 Std.
Time base	Quartz
Accuracy (at 23 °C)	±1 Sec./day
Power back-up (at 20 °C)	approx. 100 h.
Permitted ambient temperature	-5...+50 °C
Housing	self-extinguishing thermoplastic
Dimensions	45 x 52,5 x 55 mm
Mounting	35 mm DIN-rail and wall
Type of connection	Screw terminals
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations
Mode of operation	
(DIN EN 60730-1)	1 BSTU
(DIN EN 60730-2-7)	
Degree of contamination	2
(DIN EN 60730-1)	
Rated surge voltage	4 kV
(DIN EN 60730-1)	

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ANALOGUE TIME SWITCHES

müller VS 2x.18 - paladin 15x 220



Overview

- Daily program
- Slim format 35 mm
- Captive setting keys
- Manual override switch Permanent ON / Permanent OFF / AUTO

Intended use

- The device fits for the particular use of the following tasks: Illumination of private and industrial areas, street and shop-window lightening, regulation of air conditioning, flushing, motors, pumps, plants and machinery as well as to simulate presence etc.
- Operate the device in a dry room only!
- The installation must be in accordance with the instruction manual.
- The device is not qualified for security relevant tasks such as emergency doors, fire protection equipment.

Supply voltage versions

- 230 V, 50-60 Hz
- 115 V, 50-60 Hz
- 12-24 V DC & 24-48 V, 50-60 Hz

Order numbers

■ müller	■ paladin	
VS 20.18	151 220	Day without reserve
VS 24.18	154 220	Day with reserve

ANALOGUE TIME SWITCHES

müller VS 2x.18 - paladin 15x 220

Order information

	Voltage	EAN	Art. No.
VS 20.18	230 V 50-60 Hz	4022709214515	21451
VS 24.18	230 V 50-60 Hz	4022709218483	21848
151 120	230 V 50-60 Hz	4011732005191	00519
154 120	230 V 50-60 Hz	4011732005306	00530

Other supply voltage versions on request

Technical data

Supply voltage	230 V, 50-60 Hz
Power consumption (real power)	0,4 W
Switch (potential-free)	Change-over, contact gap < 3mm (μ)
Manual override switch	Permanent ON / Permanent OFF / AUTO
Contact material	AgSnO ₂
Switching capacity	
resistive load:	16 A / 250 V~ at cosφ=1
inductive load:	2,5 A / 250 V~ at cosφ=0,6
Min. switching power	1.000 mW (10 V / 10 mA)
Filament Lamp, Halogen Lamp	2.000 W
Fluorescent Lamp uncompensated	1.000 W
Fluorescent Lamp series compensated	750 W
LED (230 V~) / CFL	200 W
Minimum switching interval	30 Min.
Time base	Quartz
Accuracy (at 23 °C)	±1 Sec./day
Power back-up (at 20 °C)	approx. 100 h.
Permitted ambient temperature	-5...+50 °C
Housing	self-extinguishing thermoplastic
Dimensions	45 x 35 x 58 mm
Mounting	35 mm DIN-Schiene
Type of connection	Screw terminals
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations
Mode of operation (DIN EN 60730-1) (DIN EN 60730-2-7)	1 BSTU
Degree of contamination (DIN EN 60730-1)	2
Rated surge voltage (DIN EN 60730-1)	4 kV

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