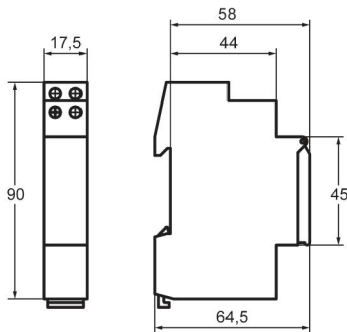


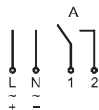


Highlights

- Easy programming with captive setting keys
- Easy to read switching program
- Manual override switch “Permanent OFF / Automatic / Permanent ON”
- Simple to install



111 120 / 114 120



- Daily program
- Slim format 17.5 mm
- Captive setting keys
- Manual override switch “Permanent OFF / Automatic / Permanent ON”

Save time switching controlling counting

Analogue time switches 111 120 / 114 120

for DIN-rail mounting

[müller VS 1x.18]

Technical data

Supply voltages	230 V, 50–60 Hz
Power consumption (real power)	0.4 W
Switch (potential-free)	Normally open, gap < 3 mm (μ)
Contact material	AgSnO ₂
Switching capacity	16 A / 250 V~ at cosφ=1 2.5 A with inductive load cosφ=0.6 max. filament lamp load 2,000 W
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	15 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 17.5 x 58 mm
Mounting	35 mm DIN-rail
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
Degree of contamination (DIN EN 60730-1)	2
Rated surge voltage (DIN EN 60730-1)	4 kV

Order number	Version
paladin 111 120 müller VS 10.18	Day without reserve
paladin 114 120 müller VS 14.18	Day with reserve

Housing colour Setting key colour