Save time

SC 18.x0 *easy*

[paladin 170 4x0 easy]

- 1 or 2 channels
- Daily and weekly program
- Yearly program by extra switching times
- 56 memory locations
- 10 years battery-reserve
- Exchangeable battery (CR 2032)
- Minimum interval 1 min.
- Switching capacity 16 A per channel
- Permanent by date and time / holiday function
- Extra switching times ON, OFF and pulse by date and time
- Manual permanent mode
- Manual override
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Easy handling
- Illuminated display
- Security by PIN-Code
- NFC programming

Further Information / Accessory

Accessory: Android App Save`n carry for Smartphones
(free Download at Google Play store)

NFC

Application

easy LINE
...switch easy

Highlights

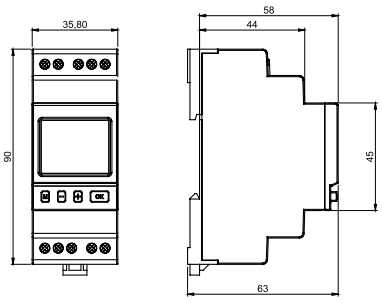
- Complete switching program of the present day at a glance
- Exchangeable battery (CR 2032) with 10 years battery reserve
- Optimized own consumption: only 0.2 W in „standby“ mode
- Large, clear and illuminated display with one text line
- Easy handling
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E^2-PROM
- Programmable with smartphone via NFC (free Android App)

easy
...switch easy

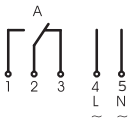
Digital time switches SC 18.x0 *easy*

for DIN-rail mounting

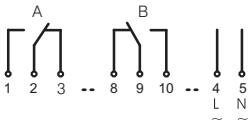
[paladin 170 4x0 easy]



SC 18.10 easy / paladin **170 410 easy**



SC 18.20 easy / paladin **170 420 easy**



Technical data

Supply voltage	230 V, 50-60 Hz other voltages on request
Power consumption (real power)	0.2–1.0 W (depending on the switching status)
Channel (potential-free)	Change-over
Contact material	$AgSnO_2$
Switching capacity per channel	16 A / 250 V~ at cosφ=1 10 A with inductive load cosφ=0.6
Min. switching power	1,000 mW (10 V / 10 mA)
Max. starting current	50 A
Filament Lamp, Halogen Lamp	2,000 W
Fluorescent Lamp uncompensated	1,000 W
Fluorescent Lamp series compensated	1,000 W
Fluorescent Lamp parallel compensated	550 W
LED (230 V~) **/ CFL**	200 W
Switching functions	ON; OFF; pulse; extra; permanent
Memory locations	56
Minimum interval	1 min.
Time base	Quartz
Quartz accuracy (at 20°C)	±0.5 sec./day (Quartz accuracy optimized for typical ambient conditions)
Power back-up (at 20°C)	approx. 10 years (exchangeable battery CR 2032)
Program securuity	unlimited
Display	illuminated LCD-display
Permitted ambiet temperature	–30°…+55°C
Housing	self-extinguishing thermoplastic
Dimensions	45 x 35 x 58 mm
Mounting	35 mm DIN-rail
Type of connection	Screw terminals (pull-up type)
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations
Mode of oeration (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
Accessories (free download)	Programmable with smartphone via NFC (Android App - Save`n Carry)

Ordner number		Channel	Time base	Special function
SC 18.10 easy	paladin 170 410 easy	1	Quartz	NFC
SC 18.20 easy	paladin 170 420 easy	2	Quartz	NFC

Housing colour

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