■müller

NEW

Made in Germany

18. 6. 2007
MONTAG
On A
9-28 00

μ16A 250V~   0742 -10T55
230V~

Highlights

- Text based Menu and self-explanatory symbols
- Display with a large area to provide two text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected (6 years battery-reserve)
- Unlimited program security by E²-PROM
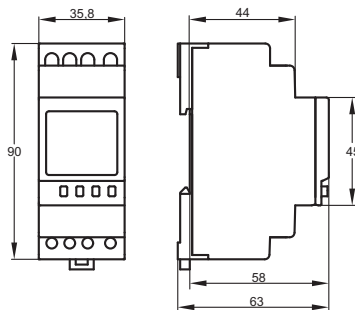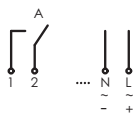
- 1 channel type
- Daily and weekly program
- 30 memory locations
- Minimum interval 1 min
- Switching capacity 16 A
- Permanent by date-mode (holiday function)
- Permanently ON or OFF with manual switch (Perm ON/OFF)
- Manual override

- Automatic sorting of switching times on readout
- Unrestricted block programming of days
- Fully automatic daylight saving time (European, North American or Australian standard adjustable)
- Elapsed time and pulse counter for each channel
- Pulse function: Automated switch OFF timer up to 59:59 (mm:ss)
- Security by PIN-Coding

Dimensional drawings

35,8   44

90   45

58
63

SC 18.10 pro (1 channel)

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Programmable time switch SC 18.10 *pro*
for DIN-rail mounting

Technical data

Supply Voltage	230 V, 50–60 Hz
Power consumption	approx. 1.5 VA
Channel (potential-free)	Normally open, contact gap < 3 mm (μ)
Contact material	AgCdO
Switching capacity	16 A / 250 V~ at cosφ=1
Filament Lamp	1,000 W
Halogen Lamp	1,000 W
Fluorescent Lamp uncompensated	500 VA
Fluorescent Lamp series compensated	500 VA
Fluorescent Lamp parallel compensated	300 VA
Fluorescent Lamp double switch.	500 VA
Mercury Discharge Lamp uncompensated	2 x 125 W, 1 x 250 W
Mercury Discharge Lamp parallel compensated	3 x 50 W (7 μF), 2 x 125 W (10 μF), 1 x 250 W (18 μF)
Sodium Discharge Lamp uncompensated	1 x 150 W
Sodium Discharge Lamp parallel compensated	—
Compact Fluorescent Lamp convent. lamp ballast	500 VA
Compact Fluorescent Lamp electron. lamp ballast	2 x electronic lamp ballast, power independent
Switching functions	ON, OFF, pulse
Pulse length	00:01 mm:ss up to 59:59 mm:ss
Memory locations	30
Minimum interval	1 min
Time base	Quartz crystal
Power back-up (at 20°C)	approx. 6 years (depends on the Lithium-battery life)
Program security	unlimited (E²-PROM)
Quartz cryst. accuracy (at 20°C)	≦ ±1 sec/day
Display	high resolution LCD (visible area 7.5 cm²)
Permitted ambient temperature	−10°…+55°C
Enclosure	self-extinguishing thermoplastic
Dimensions	45 x 35 x 58 mm
Distribution board mounting	35 mm DIN-rail (DIN EN 50022)
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

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Type/Order No.	Channels	Time Base
SC 18.10 *pro*	1	Quartz

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