

**AHC180b****Analogue daily time switch**

The AHC180b mechanical time switch is a simple and low cost alternative for applications that do not require more than 16Amp. It is designed for 24-hour control or overriding a functional typical state of a heating, ventilation, refrigeration, lighting, security, or pump system.

Application

AHC180b fits for the particular use of the following tasks: Billboard or Showcase lighting, Air-condition, Pumps/ Motor/ Geyser/Fan Control, General Electrical Circuits, Hydroponic Systems Boilers / Heater Control, Wastewater Treatment Systems, Generator Exercising, etc.

Description

● 1 channel	● Screw terminals
● Daily program	● Quartz controlled
● Shortest switching time: 15 minutes	● 96 switching segments
● Manual switch with 2 positions: Permanent ON/AUTO	

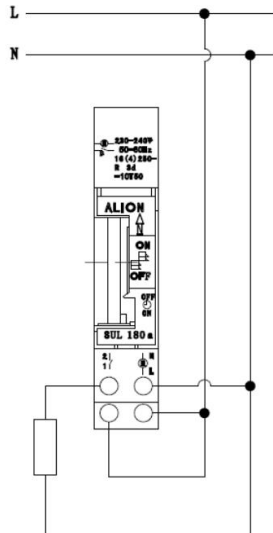
Technical date

Supply voltage	230Vac, 50/60Hz other voltages on request
Switching capacity	resistive load: 16 A / 250 V \sim at $\cos\phi=1$
	inductive load: 4 A / 250 V \sim at $\cos\phi=0.6$
Number of switching segments	96
Time accuracy at 25 °C	$\leq \pm 2$ Sek./day (quartz)
Power reserve	100 hours
Switching output	Potential-free and phase-independent
Type of protection	IP 20
Class of protection	II according to EN 60 730-1
Permitted ambient temperature	High-temperature resistant, self-extinguishing thermoplastic
Test approval	CE
Power consumption	1 VA

Maximum recommended load (10,000 operations)

Filament / Halogen lamp 230V	Energy saving lamps 230V	LED lamp 230V < 2 W	LED lamp 230V 2-8 W	LED lamp 230V > 8 W
1000 W	150 W	30 W	90W	100W

Wiring diagram



Dimensions

