



## AHC181h

## Analogue daily time switch

The AHC181h daily program analog time switches are programmed using switching segments, it is easy to change the battery. The shortest switching time is 30 minutes. It can switching with continuous ON/AUTO/continuous OFF.

## Application

AHC181h fits for the particular use of the following tasks: Billboard or Showcase lighting, Air-condition or Commercial Refrigeration, Pumps/ Motor/ Geyser/Fan Control, Hydroponic Systems, Wastewater Treatment Systems, Generator Exercising, Boilers / Heater Control, Pool & Spa, etc.

## Description

● 1 channel	● Switching preselection
● Daily program	● Quartz controlled
● Fine adjustment for time setting accurate to the minute	● Manual switching with continuous ON/AUTO/OFF
● Shortest switching time: 30 minutes	● Switching status display
● Simple summer/winter time correction	● Permanent ON/OFF switch
● With power reserve (NiMH replace&rechargeable battery)	

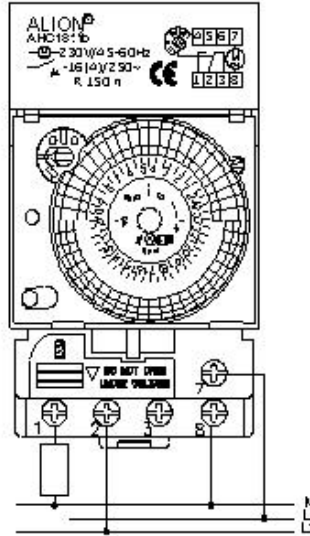
## Technical date

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	48
Time accuracy at 25 °C	$\leq \pm 2$ Sek./day (quartz)
Power reserve	7 days
Type of contact	changeover contact
Type of protection	IP 20
Class of protection	II according to EN 60 730-1
Permitted ambient temperature	-10 $\sim$ +50 °C (non-icing)
Test approval	CE
Power consumption	1.5 VA

## Maximum recommended load (10,000 operations)

Filament / Halogen lamp 230V	LED lamp 230V < 2 W	LED lamp 230V > 2 W
1100 W	20 W	180 W

## Wiring diagram



## Dimensions

