



Your Advantages

- Energy saving
- Increase of the service life of the lamps

Features

- According to EN 60669-1, EN 60669-2-1
- Setting range 0.5 ... 10 min
- After the light the fan switched on
- Switch for continuous light of the exhaustor on unit
- Contact: 16 A
- Width 17.5 mm

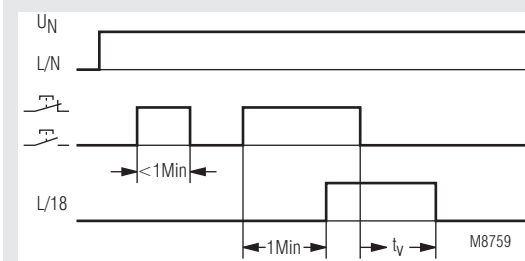
Product Description

The fan control timer IK 8810/005 of the MINITIMER series has an adjustable running time and can be switched to continuous lighting by means of a slide switch.

Approvals and Markings



Function Diagram



Application

Control of fans

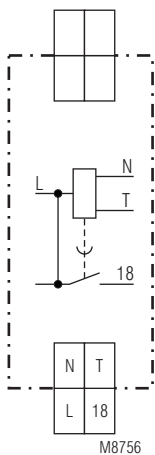
Function

The fan starts approx. 1 min. after the light is switched on. When the light is switched off the fan will continue to run for the adjusted delay time.

Indication

LED: On when output relay activated

Circuit Diagram



Notes

Unit and push button have to be connected to the same phase (see connection diagram) The output contact is not volt free.

Connection Terminals

Terminal designation	Signal description
L	Phase voltage
N	Neutral
T	Control input for buttons
18	Output contact

Technical Data

Time Circuit

Time range: 0.5 ... 10 min
Repeat accuracy: < 1 % of setting value

Input

Nominal voltage U_N : AC 230 V
Voltage range: 0.8 ... 1.1 U_N
Nominal consumption
 apparent power: 4 VA
 effective power: 1 W
Nominal frequency: 50 / 60 Hz

Output

Contacts: 1 NO contact, delay
Contact opening gap: < 3 mm
Thermal current I_{th} : 16 A
Switching capacity at fan load: 200 VA
Short circuit strength max. fuse rating: 16 A gG / gL IEC/EN 60947-5-1
Mechanical life: > 10⁶ switching cycles

General Data

Nominal operating mode: Impulse operation

Temperature range

Operation: - 20 ... + 60 °C

Storage: - 20 ... + 70 °C

Altitude: ≤ 2000 m

Clearance and creepage distances

Rated impulse voltage / pollution degree: 4 kV / 2 IEC 60664-1

EMC

Electrostatic discharge (ESD): 8 kV (air) IEC/EN 61000-4-2

HF-irradiation:

80 MHz ... 2.7 GHz: 10 V / m IEC/EN 61000-4-3

Fast transients: 2 kV IEC/EN 61000-4-4

Surge voltages between

wires for power supply: 2 kV IEC/EN 61000-4-5

between wire and ground: 4 kV IEC/EN 61000-4-5

HF wire guided: 10 V IEC/EN 61000-4-6

Interference suppression: Limit value class B EN 55011

Degree of protection

Housing: IP 40 IEC/EN 60529

Terminals: IP 20 IEC/EN 60529

Housing: Thermoplast with V0-behaviour according to UL subj. 94

Vibration resistance Amplitude 0.35 mm

frequency 10 ... 55 Hz IEC/EN 60068-2-6

20 / 045 / 04 IEC/EN 60068-1

Climate resistance: EN 50005

Terminal designation: DIN 46228-1/-2/-3/-4

Wire connection: 2 x 2.5 mm² solid or

2 x 1.5 mm² stranded wire with sleeve

Insulation of wires or sleeve length: 10 mm

Wire fixing: Flat terminals with self-lifting clamping piece IEC/EN 60999-1

Fixing torque: Max. 0.8 Nm

Mounting: DIN rail IEC/EN 60715

Weight: 75 g

Dimensions

Width x Height x Depth: 17.5 x 90 x 58 mm

Standard Type

IK 8810.41/005 AC 230 V 50 / 60 Hz 0.5 ... 10 min

Article number: 0057068

• Output: 1 NO contact, delay

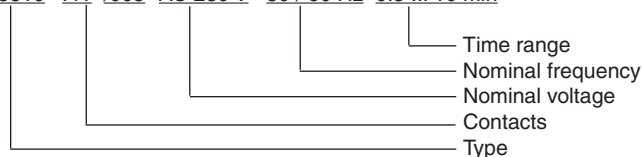
• Nominal voltage U_N : AC 230 V

• Timer range: 0.5 ... 10 min

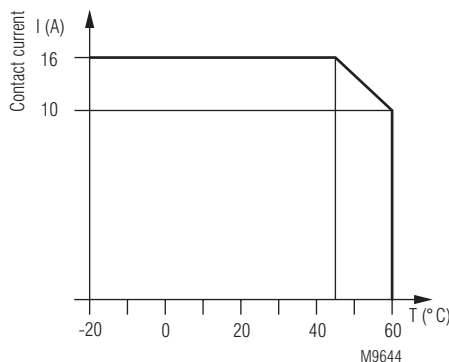
• Width: 17.5 mm

Ordering Example

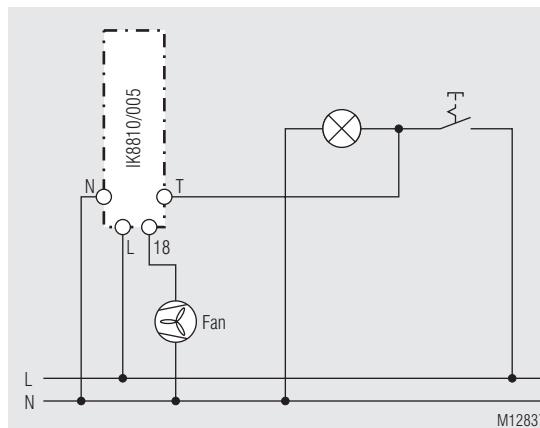
IK 8810 .41 /005 AC 230 V 50 / 60 Hz 0.5 ... 10 min



Characteristics



Application Examples



Circuit L on push button