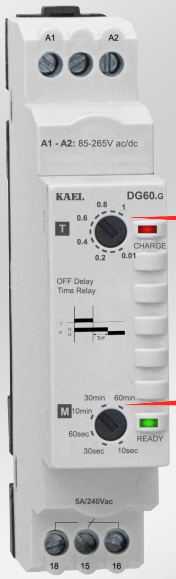
DG60.G

OFF Delay Time Relay
After the power supply is switched off

KAEL



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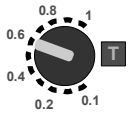
ISO 9001:2008
Made in
TURKEY

It is microprocessor controlled. When energized, the contact of the relay switches on. Charge led turns on while the SuperCap (electronic component that provides power supply when energy is cut off) is charged. By using the Mode control knob on the front side of the unit, 6 different operating time intervals can be selected.When the Supercap was full, Charge LED turns off and Ready LED which indicating the device is ready turns on. In this case, if energy of the device is turned off, it starts counting time and ready led flashes every 3 seconds. The output relay contact switches off at the end of the set time. If the device is de-energized while charge led still turns on (when the device is not ready yet), the charge led will flash every 3 seconds and After a while the relay contact is released without counting the true delay time.

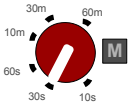
Thanks to the smart algorithm of the device, Charge time differs according to the selected Mode.

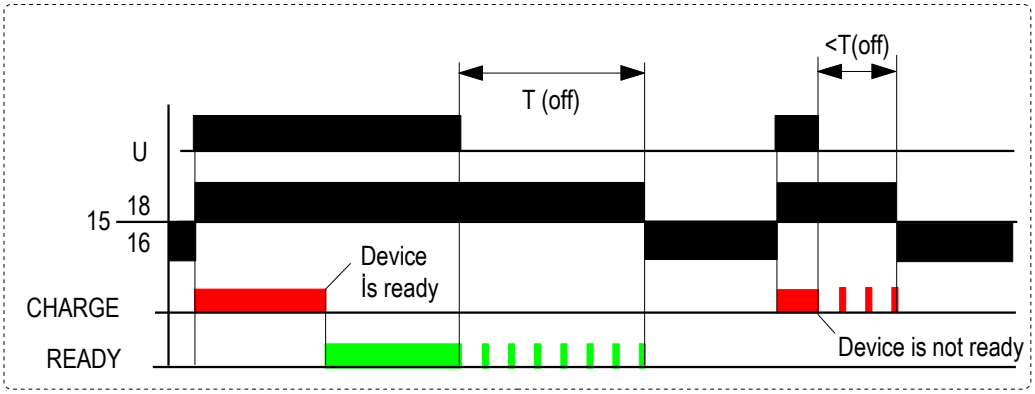
The operation chart of the device is given below.

T **USE OF TIME SETTING SCALE:**
The scale of the time potentiometer (T) on the device is between 0,1 and 1. The time setting of the device starts at 1% of the time indicated by the mode potentiometer and can be set to 100% with 1% steps.



M THE TIME INTERVAL SELECTION: (MODE):
You may select the desired time interval by using the mode knub.
10s – 30s
1m – 30m
1h – 30 h

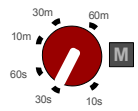
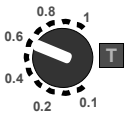




APPLICATION AREAS

- To adjust the operating time of the ventilation fans of the bathrooms in hotel rooms
- To adjust the braking time on electric motors

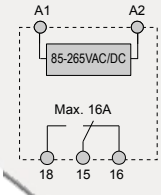
Definition;
If , Mode = 30s T = 0.6 ;

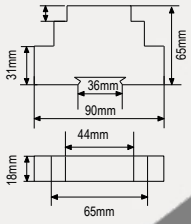
t(off)=  x 

t(off) = M x T
t(off) = 30s x 0.6 = 18s

Teknik Bilgi:

Operational Voltage (Un)	
A1 – A2 terminals	: 85 - 265 Vac
Frequency	: 50/60 Hz
Contact Current	: Max.16 A/250VAC
Power Consumption	: < 2 VA
Device Protection Class	: IP20
Connector Protection Class	: IP00
Ambient Temperature	: -5°C....+50°C
Connection Type	: To connection rail in electrical panel
Dimensions	: 18x90x65 mm





When the "charge led" is turned off and "ready led is turned on, the device is ready for usage.

if the "charge" led flashes when the device is de-energized, it means the device was not ready