

# CM-DKN Obstruction Light Indoor Controller

## Application

For the CM-DKN aviation obstruction indoor's controller is fit for our company's all series aviation obstruction's synchronization flashing work and monitor the light's working states. This product is an indoor's type, the waterproof grade is IP43, could use for the indoor's environment directly.

## Key Feature

- Use the steel shell and spray coating techniques, resistance to corrosion, anti-UV.
- The voltage of the power circuit and signal control line is same, so the connection of the wires are simple and reliability, it will not cause damage to the lightings and controller when connect the error line shortly.
- Control circuit use the MCU control, can simultaneously control 4000W load power / within 200 units aviation obstruction lights synchronized flashing or steady.
- Controller have 3 kinds operating modes: automatic, manual, close
  - Automatic mode: automatically shutdown during the day, turn off the aviation light control output;
  - automatically turn on at night an open aviation light control output.
  - Work in manual mode: work status is forced open
  - Work close mode: work status is forced closed, three operating modes can be switched by the user .
- The controller can also customize the fault alarm function, when one of the light it controlled failed, the indicator on the controller can be shown, also could use the dry contacts to alarm the external environment .
- The function of this aviation obstruction light controller is very powerful, performance is reliable and safe. Use and maintenance is simple and convenient; and with anti-surge device (anti-lighting In15KA /5 times, I<sub>max</sub> 40KA), can be applied to a poor working environment.



**Main Photo**



**Locker**



**Indicator Light**

## Parameter

Item	Parameter
Operating voltage	AC220V/DC48V
Power consumption	≤20W
Load capacity	≤4000W
Flashing frequency	20~60 times
Number of control auxiliarylight	200 units
Ingress protection	Ip43
Controlled environment brightness	50~500Lux
Optical probe	CM-12GK
Operating temperature	-40°C~55°C
Altitude	≤4500m
Wind load	12kg
Net weight	80m/sec
Overall size(mm)	500mm×400mm×150mm
Installation size(mm)	430mm×330-4×M6

## Structure Chart

