

# HF3508(JA3508)

# FLASHER



### Typical Applications

Turning lamp & Flashing lamp control

### Features

- Special integrate circuit, good performance
- Special high-powered contacts, ultra-long life
- Surface mounting technology, advanced craftwork
- Solid base design, stable structure
- Good capability of EMC

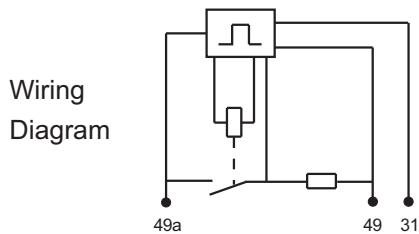
## CHARACTERISTICS

|                                 |                          |
|---------------------------------|--------------------------|
| Norminal voltage                | 12VDC                    |
| Operating voltage range         | 9VDC to 16VDC            |
| Contact rating                  | Lamp: 2×21W+5W 13.5VDC   |
|                                 | Lamp: 4×21W+2×5W 13.5VDC |
| Flashing frequency              | (80±15)OPS/min           |
| Lamp failure flashing frequency | (170±20)OPS/min          |
| Energizing ratio                | 40% to 60%               |

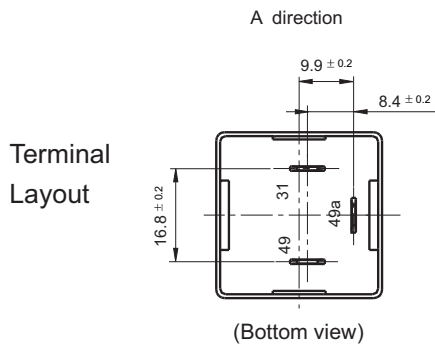
|                                   |                                  |
|-----------------------------------|----------------------------------|
| Electrical endurance (continuous) | 1000h (2×21W + 5W)               |
|                                   | 360h (4×21W + 2×5W)              |
| Ambient temperature               | -40°C to 85°C                    |
| Vibration resistance              | 10Hz to 200Hz 49m/s <sup>2</sup> |
| Shock resistance                  | 196m/s <sup>2</sup>              |
| Weight                            | Approx. 36g                      |
| Mechanical data                   | Cover retention: 250N min.       |
|                                   | Terminal retention: 100N min.    |

## OUTLINE DIMENSIONS AND WIRING DIAGRAM

Unit: mm



1. As shown in left wiring diagram, for HF3508, terminal 49 is connected with anode of 12VDC, terminal 31 with cathode, and terminal 49A with lamp load.
2. When the lamp load is 2×21W + 5W or 4×21W + 2×5W, the relay will control lamp flashing with the frequency (65 to 95) times / minute.
3. When the lamp load is 1×21W + 5W (one 21W lamp of 2×21W + 5W fails), the relay will control lamp flashing with the frequency (150 to 190) times / minute.



### Outline Dimensions

