

Electronic Blinker Units

EBG 107 / EBG 108 / EBG 109



The electronic flashing beacons in the EBG 107, EBG 108, and EBG 109 product families

were specifically designed for use in rail vehicles and commercial vehicles.

Features

They control turn signals, hazard lights, and alternating flashing systems and feature built-in diagnostic functions for monitoring open circuits and system errors.

The devices are characterized by their compact design, high reliability, and maintenance-free operation.

The EBG 107 is designed for LED lights, while the EBG 108 and EBG 109 are designed for incandescent lamp applications.

EBG 107

- Optimized for LED lights
- Reverse-polarity-protected connector
- Wire break and fault detection

EBG 108

- Designed specifically for incandescent lamp applications
- Integrated turn-on timing for lamp preheating
- Extended lamp life due to reduced inrush current

EBG 109

- Incandescent lamp version without turn-on timing
- Rugged and cost-effective standard solution
- Proven technology for classic flashing systems

- Specially designed for rail vehicles and commercial vehicles
- Left and right turn signals
- Hazard light function
- Alternating flash function
- Integrated fault diagnosis with fault output
- Microcontroller-controlled flashing frequency

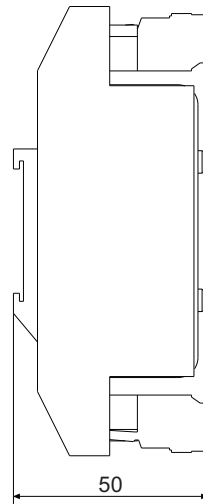
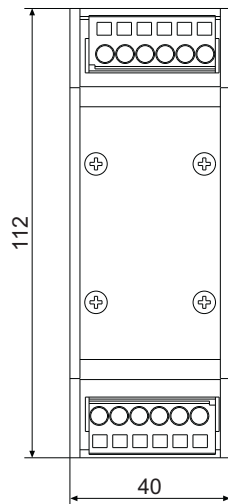
- Maintenance-free design
- Compact design for mounting on a top-hat rail or G-rail
- Diagnosis via fault signal and increased flashing frequency in the event of a fault
- Variants available for LED and incandescent lamp applications

Technical Specifications

Model	EBG 107	EBG 108	EBG 109
Usage	LED Lights	Incandescent bulbs	Incandescent bulbs
Supply Voltage	DC 24 V / 36 V	DC 24 V / 36 V	DC 24 V / 36 V
Flash rate	1,5 Hz	1,5 Hz	1,5 Hz
Operating temperature	-25 °C to +70 °C	-25 °C to +70 °C	-25 °C to +70 °C
Assembly	Top-hat rail / G-rail	Top-hat rail / G-rail	Top-hat rail / G-rail
Maintenance	Maintenance-free	Maintenance-free	Maintenance-free
Diagnostic Output	Yes	Yes	Yes
Alternating Flash Function	Yes	Yes	Yes
Weight	about 100 g	about 160 g	about 160 g

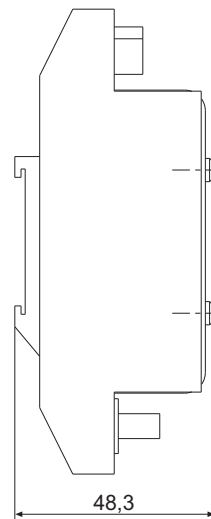
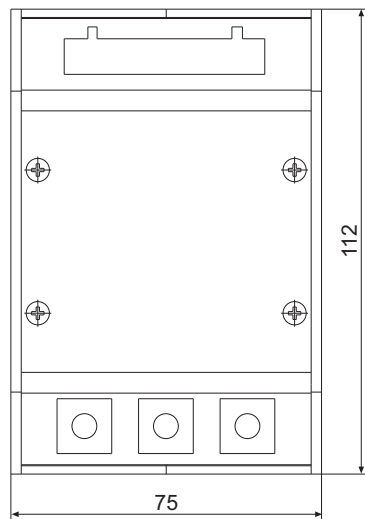
Subject to change without notice

EBG 107



Measurements in mm

EBG 108 & EBG 109



Measurements in mm

