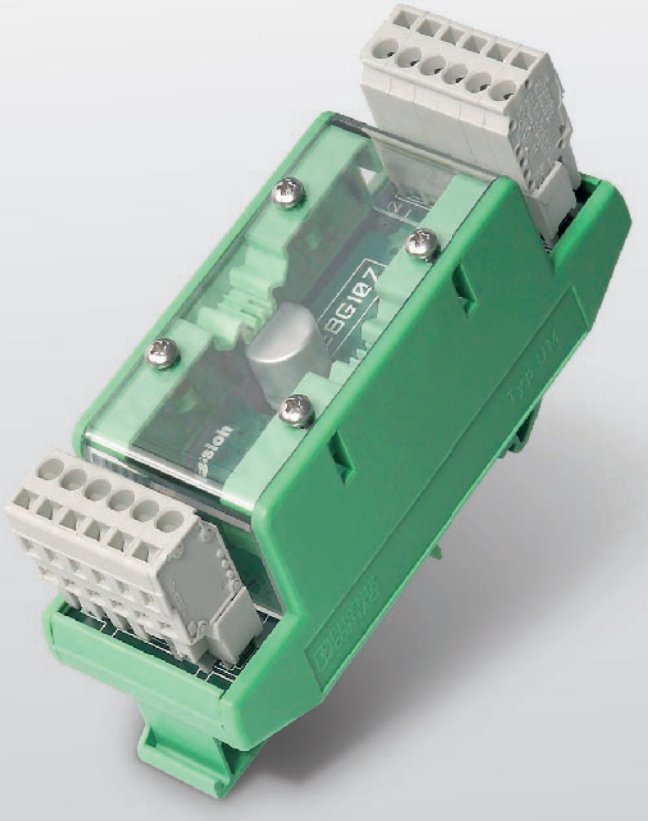
Vossloh Kiepe GmbH

vossloh
Electrical Systems



Electronic Blinker Unit LED

Kiepe EBG 107

Description

The electronic blinker unit Kiepe EBG 107 has been developed for heavy duty application in rail and road vehicles and industrial plants. With its technical features it is especially qualified for controlling of LED-lights.

The unit is preset for 3 operation modes:
- 1 channel is blinking (e.g. direction blinker for road vehicles)
- 2 channels are blinking simultaneously (e.g. warning blinker)
- 2 channels are blinking in alternation

During blinking the two output channels are separately monitored concerning short circuit and no-load operation. In case of a failure this will be announced by the fault indicator output.
All electrical connections are done with multiple connectors.

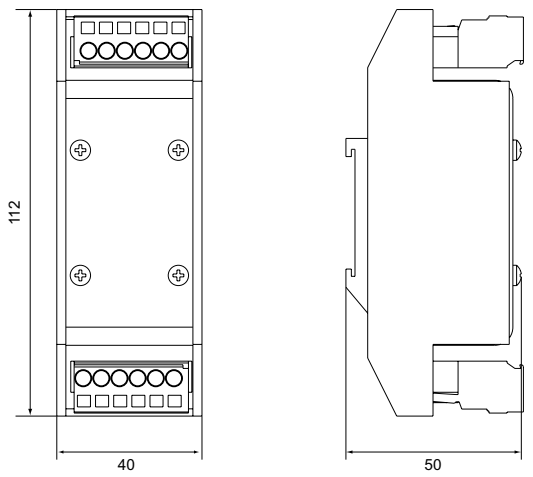
Technical Data

Type	EBG 107
Parts-no.	93.058 863.001
Nominal voltage	DC 24/36 V +25/–30 %
Range of operation	16,8 – 45 V
Blink frequency	1,5 Hz ±10 %
Make-brake ratio	1 : 1
Power output	
- Blinking lamps (LED)	2 x 60 W
- Pilot lamps	3 x 2 W
- Minimum load	2 x 2 W
Short-circuit proof	yes
Fault indicator output	yes
Ambient temperature	–25° C ... +70° C
Degree of protection	IP 20
Weight	approx. 100 g
Connection	Connector WAGO with cage clamp
Fixing	
- Top hat rail	EN 60 715 / TH 35
- G-profile	EN 60 715
Mounting position	optionally
Tests	DIN EN 50 155
CE-sign	certified
Dimensions	112 x 40 x 80 mm [1]

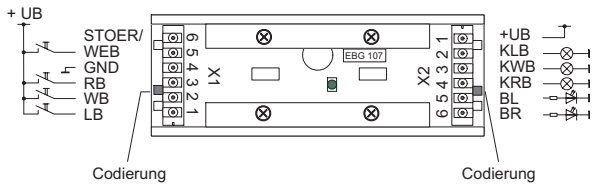
[1] Connector included

Subject to change without notice.

Dimensions



Circuit



STOER/	- Output fault indicator	+UB	- Power supply, Plus
WEB	- Switching on alternately blinking	KLB	- Pilot lamp blink left
GND	- Power supply, Minus	KWB	- Pilot lamp warning blink
RB	- Switching on blink right	KRB	- Pilot lamp warning right
WB	- Switching on warning blink	BL	- Direction lights left
LB	- Switching on blink left	BR	- Direction lights right

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