

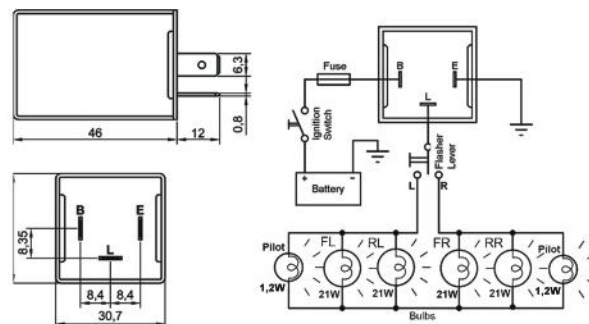
Electronic Flasher

Product Code **203.104.014**

- 24V
- 3 Terminals (B, L, E)
- w/ Lamp Outage Detection
- w/ Bracket



Terminal Configuration & Dimensions & Diagram



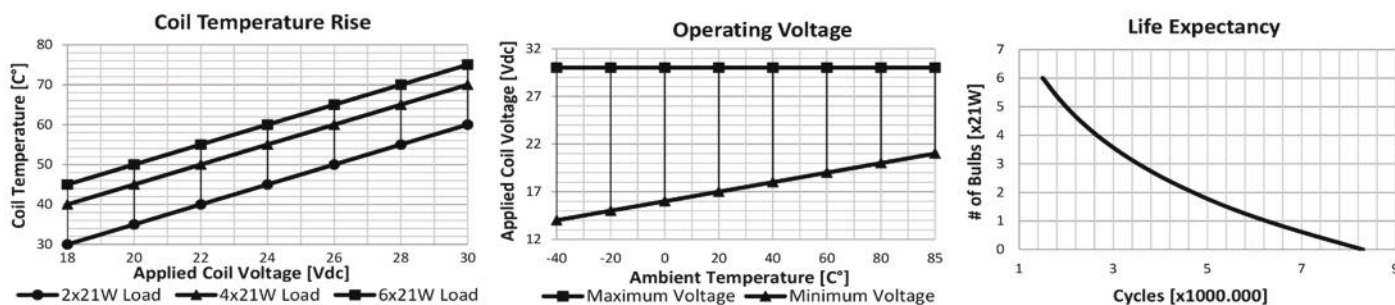
Accessories

- 207.130.251 Socket – 5 Terminals, 3 Cables - Black (Standard cable length 20 cm & cable section 1,50 mm²)*
- 207.100.003 Socket – 5 Terminals – Black & Blue/ Pack of 2
- 207.100.001 Socket – 5 Terminals – Black
- 207.100.002 Socket – 5 Terminals – Blue

* Indicates cross section of cables carrying higher current. Please refer to **Socket Product Group** pages for different alternatives.

Technical Data

Nominal Voltage	24V	Number of Poles (Marking)	3 (B,L,E)
Operating Voltage	20-30V	Independent Output for Tell-Tale Light (Terminal)	-
Rated Load - Direction Flashing	4x21W	Independent Output for Trailer Tell-Tale Light	-
Rated Load - Hazard Flashing	10x21W	Independent Output for Second Trailer Tell-Tale Light	-
Maximum Load	10x21W+2x3W+2x1,2W	Additional Features	-
Flashes per minute	90±15	Mostly Used for Vehicle Made in	Germany
On/Off Time (%)	45 / 55 (±5)	Ambient Temperature	-40 / +90 °C
Lamp Outage Indication	Yes	Bracket	Yes
Lamp Outage Indication Method	Increased speed		



Notes

Cross Codes and OEM Part Numbers are listed on the next page.
 Available in black cover and/or w/o bracket upon request.
 All measurements are in millimeters.



Electronic FlasherProduct Code **203.104.014 (Cont'd)**

• 24V • 3 Terminals (B, L, E) • w/ Lamp Outage Detection • w/ Bracket

Product Details

ELO Micro Electronic Flasher carries 4 x 21W + 3W on directional lights, and 10 x 21W + 2 x 3W on hazard lights. It is designed for vehicles with separate pilot lamp for each direction (double pilot lamp). If one of the bulbs are malfunctioning or in case of a bulb lower than 21W, the flasher has the ability to warn the driver with an increased speed while functioning. Although this flasher is universal, it is the exact replacement for 24V German vehicles with 49, 49a, 31 terminals. All 3 terminals (B, L, E) are 6,3 mm. plug-in terminals.

Cross Codes *

BOSCH	ERA	HELLA	HERTH+BUSS	NAGARES
0 335 323 001	661142	4AZ 001 879-021	75605124	ITGS/3-24
0 335 323 003	661151	4AZ 001 879-051	75605132	ITG/3-24
DT	FEBI BILSTEIN		MAHLE	WEHRLE
1.21095	45368	4DB 003 675-001	MFL17 72473901	53 401 101
	45597	4DB 003 675-011	MFL22 72473908	

* The products on the cross codes list are in accordance with nominal voltage, operating voltage, terminal layout and markings. Other technical information may vary.

OEM Part Numbers **

AUWÄRTER	MAN
1506.045-10	81253100011
771-BG006	81.25310-6012
CLASS	81.25311-0003
3790437	82.259.020.042
DAF	85271200001
1526247	90.81616-1281
867510	MERCEDES-BENZ
DOLL	000 8221 321
7086805	000 982 0523
7131049	001 820 4710
FAUN	002 544 5532
1713074	002 544 8332
1713-081	002 544 9432
8412775	NISSAN
IRISBUS	25585-G9701
0 4201 3486	TEREX
0 4256 1002	3600140034
0 9710 3573	5350638969
IVECO	SCANIA
1172944	0233200
2525459	SUZUKI
42013486	01.4176755
4256 1002	VOLVO
5032 90866	2552008
9710 3573	3018414
KHD	34025723
2525459	4803798
LIEBHERR	5 241 022
1 056 106 09	
1 056 106 16	
6 060 118 08	
606011814	
6905750	

** OEM part numbers listed are compiled from the information provided by the Original Equipment Manufacturers, open and restricted access third party sources.

