

Electronic Flasher - Tractor

Product Code

203.106.001 Dust-proof

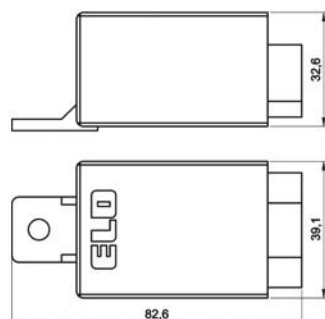
203.106.021 Sealed

• 12V

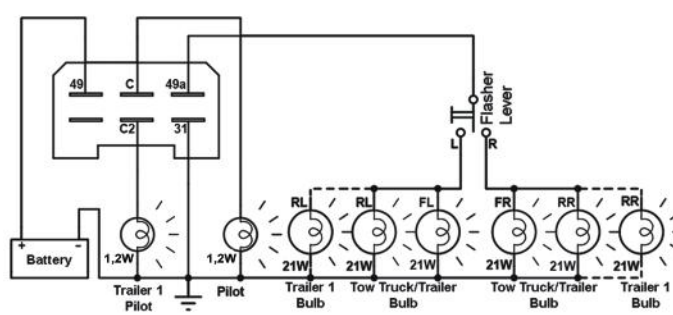
• 5 Terminals (49,C,49a,C2,31)

• w/ Lamp Outage Detection

• w/ Bracket

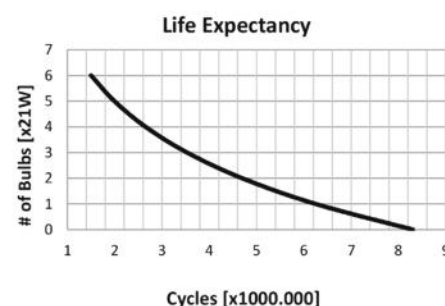
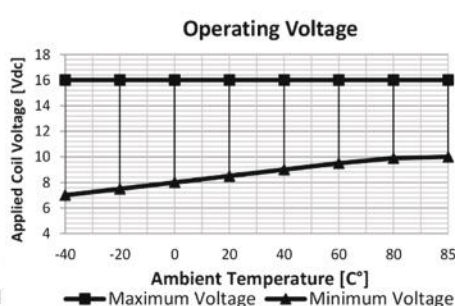
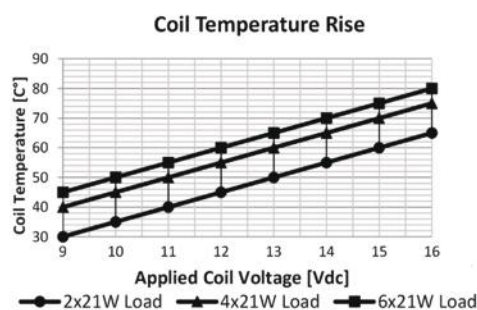


Terminal Configuration & Dimensions & Diagram



Technical Data

Nominal Voltage	12V	Number of Poles & Marking	5 (49,C,49a,C2,31)
Operating Voltage	10-16V	Independent Output for Tell-Tale Light (Terminal)	Yes (C)
Rated Load - Direction Flashing	4x21W	Independent Output for Trailer Tell-Tale Light (Terminal)	Yes (C2)
Rated Load - Hazard Flashing	10x21W	Independent Output for Second Trailer Tell-Tale Light (Terminal)	-
Maximum Load	6x21W+2x3W+2x1,2W	Additional Features	-
Flashes per minute	90±15	Specially Used for	Tractor
On/Off Time (%)	45 / 55 (±5)	Ambient Temperature	-40 / +90 °C
Lamp Outage Indication	Yes	Bracket	PPGF15
Lamp Outage Indication Method	Increased speed		



Product Details

ELO Tractor & T.I.R. Flasher are used in vehicles in which a single trailer may be attached.

Flasher measures the current constantly to determine if there is a trailer attached. If there is no trailer attached to the vehicle, the flasher carries 2 x 21W on directional lights and C/C1 terminal allows a single pilot lamp to flash. 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.

In cases which there is a single trailer attached to the vehicle, flasher determines the trailer through additional 3 x 21W current and informs the driver by lighting a second pilot lamp through C2 terminal. In such instances both pilot lamps flash simultaneously. It is manufactured in 12V. All terminals are 6,3 mm. plug-in terminals. Flasher come with dust-proof and water-proof option.

Notes

All measurements are in millimeters.



Electronic Flasher - Tractor

Product Code

203.106.002 Dust-proof

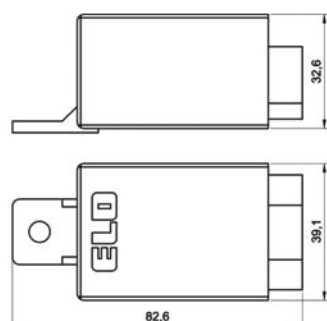
203.106.022 Sealed

• 12V

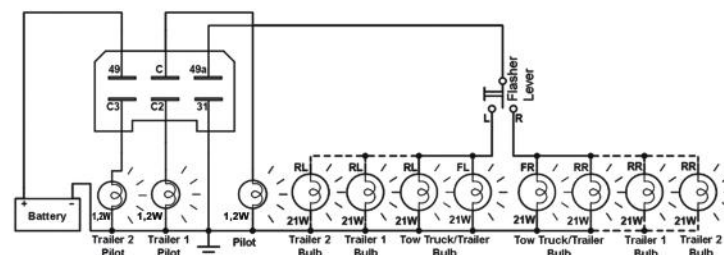
• 6 Terminals (49, C, 49a, C3, C2, 31)

• w/ Lamp Outage Detection

• w/ Bracket

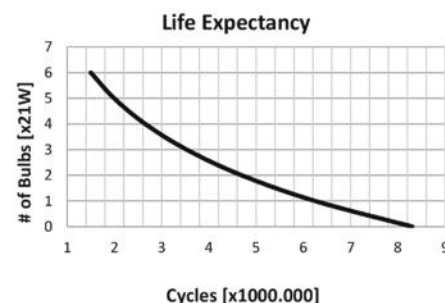
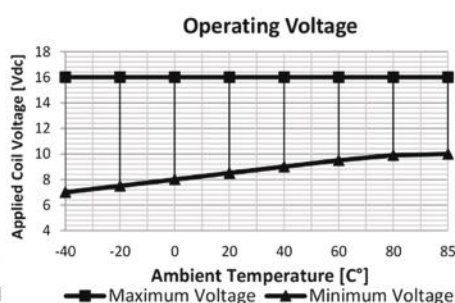
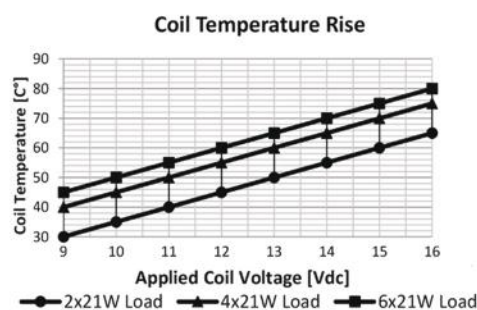


Terminal Configuration & Dimensions & Diagram



Technical Data

Nominal Voltage	12V	Number of Poles & Marking	6 (49,C,49a,C3,C2,31)
Operating Voltage	10-16V	Independent Output for Tell-Tale Light (Terminal)	Yes (C)
Rated Load - Direction Flashing	4x21W	Independent Output for Trailer Tell-Tale Light (Terminal)	Yes (C2)
Rated Load - Hazard Flashing	10x21W	Independent Output for Second Trailer Tell-Tale Light (Terminal)	Yes (C3)
Maximum Load	10x21W+2x3W+ 3x1,2W	Additional Features	-
Flashes per minute	90±15	Specially Used for	Tractor
On/Off Time (%)	45 / 55 (±5)	Ambient Temperature	-40 / +90 °C
Lamp Outage Indication	Yes	Bracket	PPGF15
Lamp Outage Indication Method	Increased speed		



Product Details

ELO Tractor & T.I.R. Flashers are used in vehicles in which double trailers may be attached.

Flasher measures the current constantly to determine if there is a trailer attached. If there is no trailer attached to the vehicle, the flasher carries 2 x 21W on directional lights and C/C1 terminal allows a single pilot lamp to flash. 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.

When ELO 203.106.002 and 203.106.022 flashers are used, and there is a second trailer attached to the vehicle, additional 4 x 21W current will be measured by the flasher indicating there is second trailer attachment. In such cases, the flasher will activate the third pilot lamp through terminal C3. Just as in other scenarios, all the pilot lamps will flash simultaneously. It is manufactured in 12V All terminals are 6,3 mm. plug-in terminals. Flasher come with dust-proof and water-proof option.

Notes

Cross Codes and OEM Part Numbers are listed on the next page.

All measurements are in millimeters.



Electronic Flasher - Tractor

Product Code

203.106.002 Dust-proof**203.106.022 Sealed**

• 12V

• 6 Terminals (49, C, 49a, C3, C2, 31)

• w/ Lamp Outage Detection

• w/ Bracket

Cross Codes *

ERA	HELLA	HELLA (Cont'd)	HELLA (Cont'd)
661149	4DN 008 768-001	4DN 008 768-037	4DN 008 768-127
BOSCH	4DN 008 768-017	4DN 008 768-041	4DN 008 768-131
0335200160	4DN 008 768-021	4DN 008 768-101	4DN 008 768-137
HERTH+BUSS	4DN 008 768-027	4DN 008 768-117	4DN 008 768-141
75605146	4DN 008 768-031	4DN 008 768-121	WEHRLE
			54 229 002A

* 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**

CLAAS	MASSEY FERGUSON
05835410	3141 063 M2
10 366 310	3617865M1
DEUTZ-FAHR	3676177M91
01172973	SAME
165997	286390030
2.8639.007.0/10	STEYR
286390030	337 00 58 0052
286390070	35700580021
FENDT	TEREX
3 103 895 M1	5350638958
3676 177 M91	5350638971
X830030063000	5350638974
X830030064000	VALPADANA
X83030065000	3676177M91
HOLDER	VOLVO
149625	4803262
19591	
IVECO	
5122663	
5125586	
5151491	
51514910	
5154278	
51542780	
JOHN DEERE	
AL 32 891	
KRONE	
05835410	
KUBOTA	
6670955820	
LAMBORGHINI	
286390030	
LANDINI	
3676177M91	

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

Electronic Flasher - Tractor & T.I.R.

Product Code

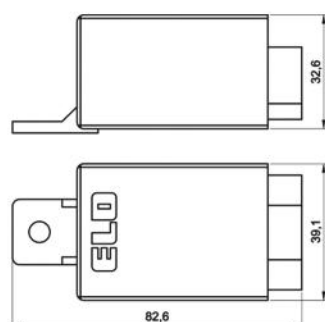
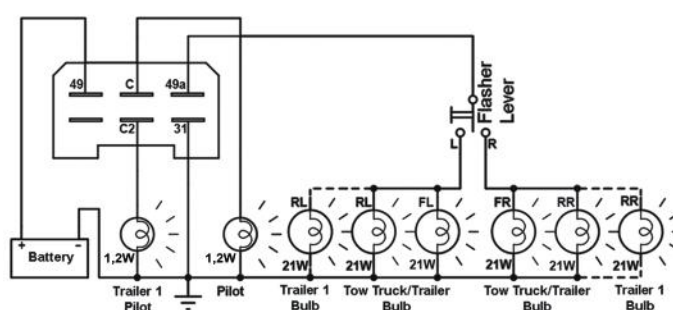
203.106.011 Dust-proof**203.106.031 Sealed**

• 24V

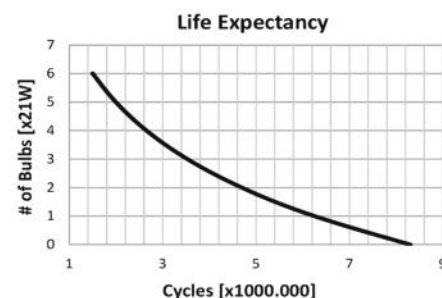
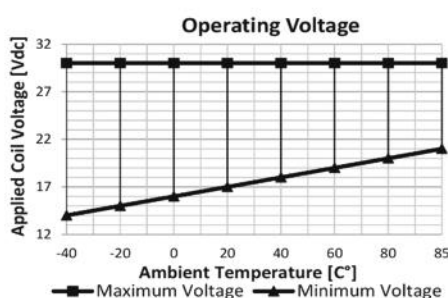
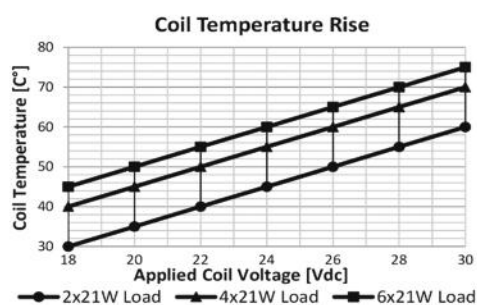
• 5 Terminals (49,C,49a,C2,31)

• w/ Lamp Outage Detection

• w/ Bracket

**Terminal Configuration & Dimensions & Diagram****Technical Data**

Nominal Voltage	24V	Number of Poles & Marking	5 (49,C,49a,C2,31)
Operating Voltage	20-30V	Independent Output for Tell-Tale Light (Terminal)	Yes (C)
Rated Load - Direction Flashing	4x21W	Independent Output for Trailer Tell-Tale Light (Terminal)	Yes (C2)
Rated Load - Hazard Flashing	10x21W	Independent Output for Second Trailer Tell-Tale Light (Terminal)	-
Maximum Load	10x21W+2x3W+2x1,2W	Additional Features	-
Flashes per minute	90±15	Specially Used for	Tractor & T.I.R.
On/Off Time (%)	45 / 55 (±5)	Ambient Temperature	-40 / +90 °C
Lamp Outage Indication	Yes	Bracket	PPGF15
Lamp Outage Indication Method	Increased speed		

**Product Details**

ELO Tractor & T.I.R. Flasher are used in vehicles in which a single trailer may be attached.

Flasher measures the current constantly to determine if there is a trailer attached. If there is no trailer attached to the vehicle, the flasher carries 2 x 21W on directional lights and C/C1 terminal allows a single pilot lamp to flash. 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.

In cases which there is a single trailer attached to the vehicle, flasher determines the trailer through additional 3 x 21W current and informs the driver by lighting a second pilot lamp through C2 terminal. In such instances both pilot lamps flash simultaneously. It is manufactured in 24V. All terminals are 6,3 mm. plug-in terminals. Flasher come with dust-proof and water-proof option.

Notes

All measurements are in millimeters.

