your GUILERA®
electronic smart solutions

PRODUCT PORTFOLIO

for

SIGNAL FLASHER UNITS

2021-2022

GUILERA is developing a whole new range of Signal Flasher Units which may be **adapted to several type of lamps, Iso Led Clusters, Standard led clusters, and CAN communication**.

SIGNAL FLASHER UNITS

The ISO Standards concerning the Signal Flasher units, define several parameters, as the flashing frequency, the duty cycle, and the detection of a “lamp failure”.

LOAD

The rated load for the indicator turn lamps is 21W, but if instead of lamps, a Cluster Led is intended to use, the load is very low and the ECU / Signal Flasher Unit not identify it (flashing at double frequency, considering that an external turn indicator fails).

ISO LED CLUSTERS
(according ISO 13207-1)

Some Led Clusters intended as turn indicator has been evolved, including additional electronics, to allow the ECU / Signal Flasher Unit to “identify” the Led Cluster with the generation of a pulse by itself, indicating that works as expected as a lamp.

STANDARD LED CLUSTERS
(not according ISO 13207-1)

This kind of Led Clusters are not able to generate the pulse and are difficult to "identify" by the ECU/Signal Flasher Unit, due that the load is not equivalent to a lamp.

WE GO ON

GUILERA started developing Signal Flasher Units compatible with lamps / ISO Leds Clusters several years ago, but now we go on with a new generation of **Signal Flasher Units capable of working with lamps, ISO Led Clusters or Standard Led Clusters**, and also with **CAN communication**.

SIGNAL FLASHER UNITS

MAIN APPLICATIONS

GUILERA®
your electronic smart solutions

Agricultural machinery

Light EV / Motorcycles

Trucks / Buses

Material handling machinery

Construction machinery

APPLICATION

	2(4)	2+1(6)	3+1(8)	2+1+1(8)	3+1+1(10)	LOAD 21W	LOAD ISO LED	LOAD STD LED
12V		01L4200				✓	✓	*
		01L5200				✓	✓	*
			01L4540			✓	✓	*
				01L6014		✓	✓	*
		01L6650C				✓	✓	*
				01L6660C		✓	✓	*
	01LA400					✓	✓	✓
		01LA500				✓	✓	*
		01LF000				✓	✓	✓
				01LF010		✓	✓	✓
					01LFH00	✓	✓	✓
24V		01L4424				✓	✓	*
		01L6024				✓	✓	*
			01L6028			✓	✓	*
				01L6214		✓	✓	*

GUILERA® your electronic smart solutions

Please consider the following proposal intended to help your engineering department to find the best solution.

* Standard led cluster compatible with optional PN 01L999

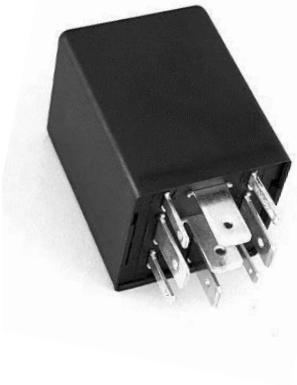
SIGNAL FLASHER UNITS

HOUSING

TYPE I

01L4200

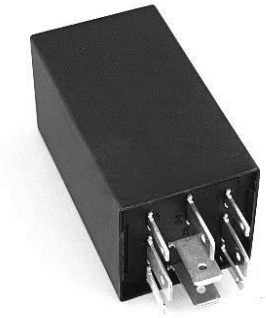
01L5200



TYPE II

01L4424

01LA400



TYPE III

01L4540

01LA500

TYPE IV

01L6014

01L6214

01L6650C

01L6660C

TYPE V

01L6024

01L6028

TYPE VI

01LF000

01LF010

TYPE VII

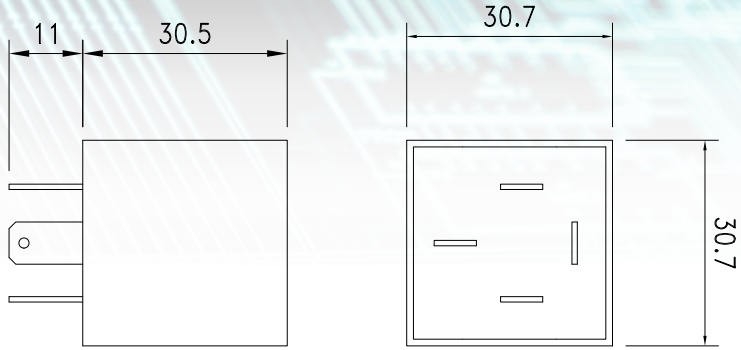
01LFH00

Go to index

01L4200

HOUSING

- Type I

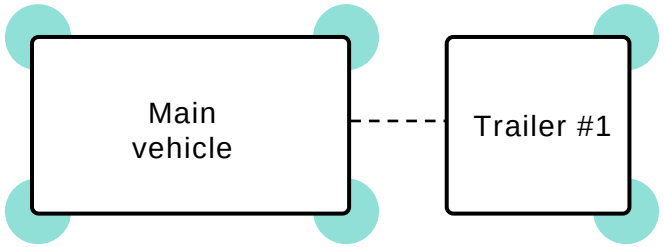


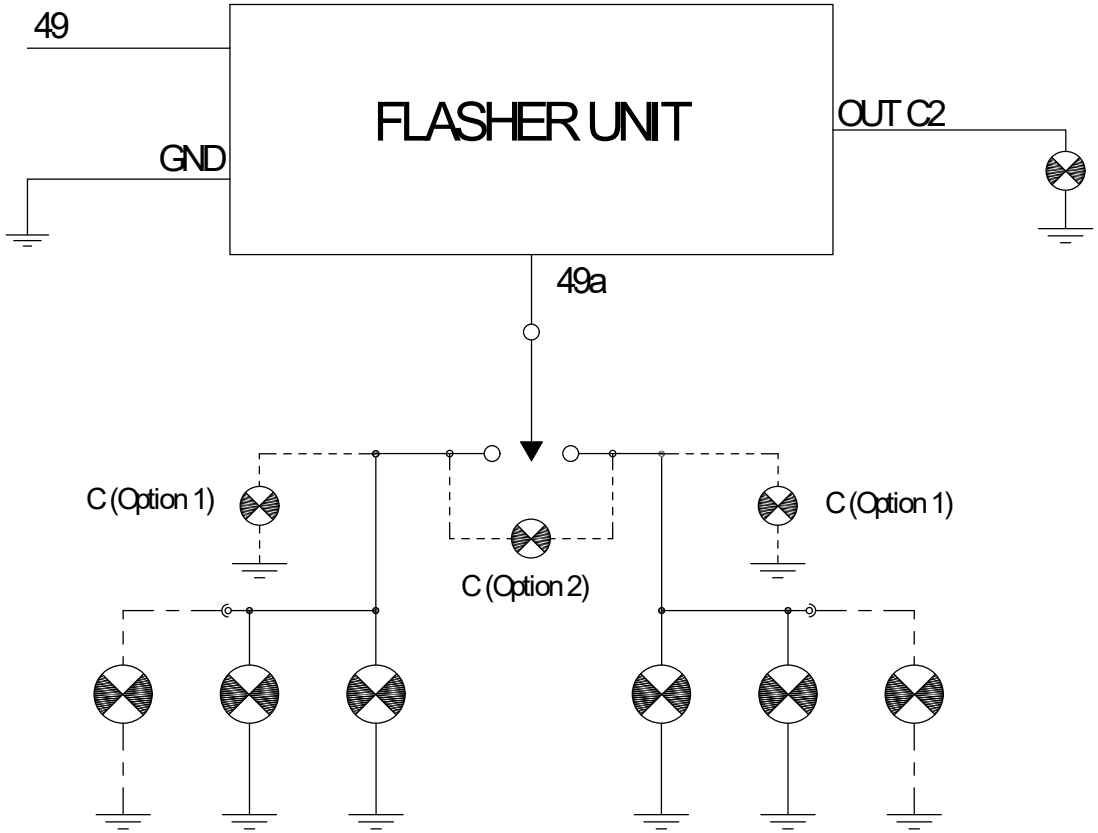
LOAD TYPE

- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

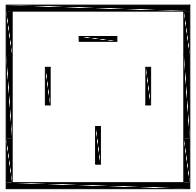
APPLICATION

12V 2+1x21W (6)





CONNECTIONS



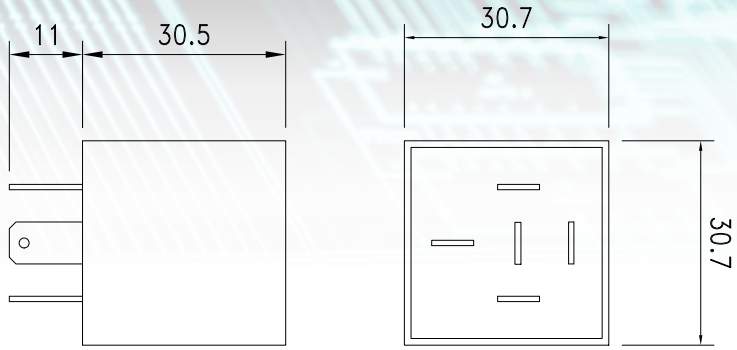
ISO 7588-C

Go to index

01L5200

HOUSING

- Type I

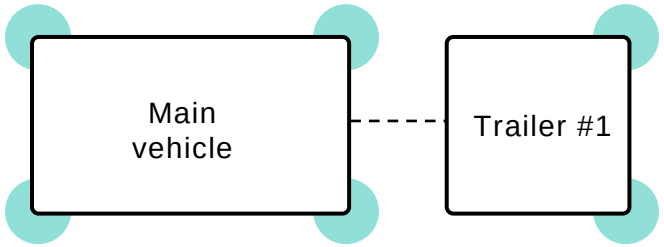


LOAD TYPE

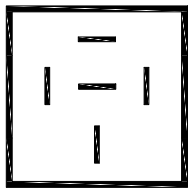
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

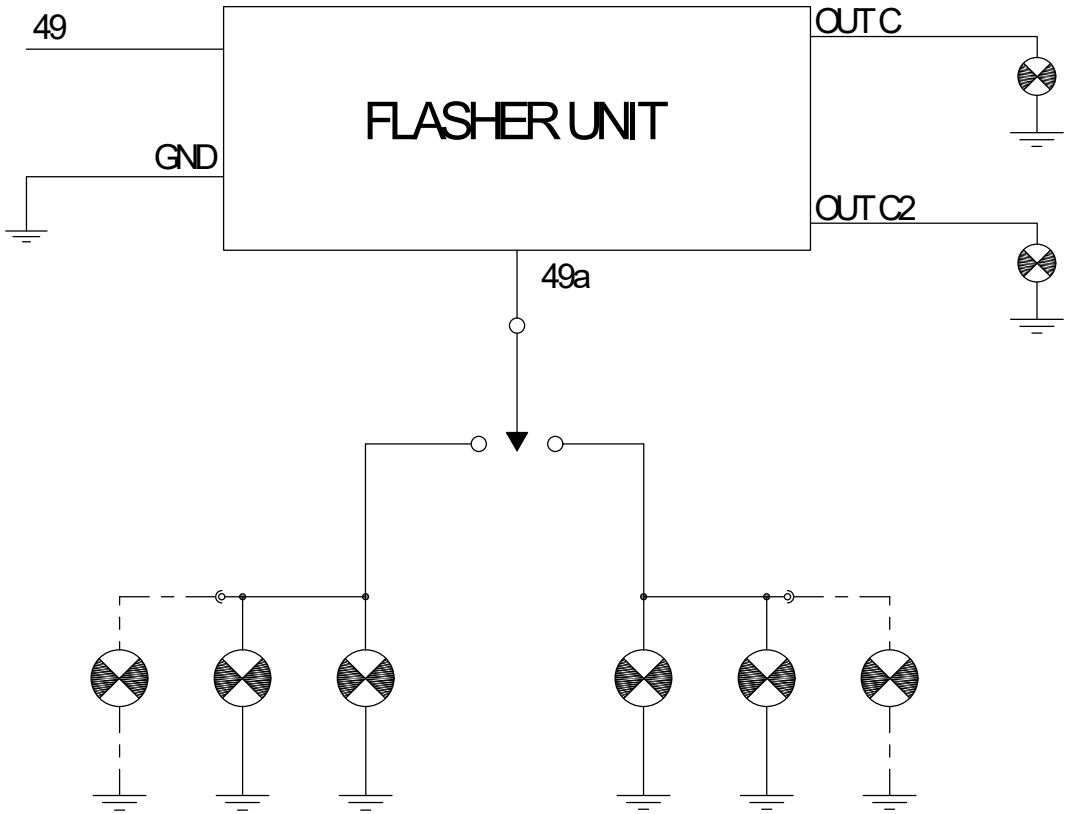
12V 2+1x21W (6)



CONNECTIONS



ISO 7588-C

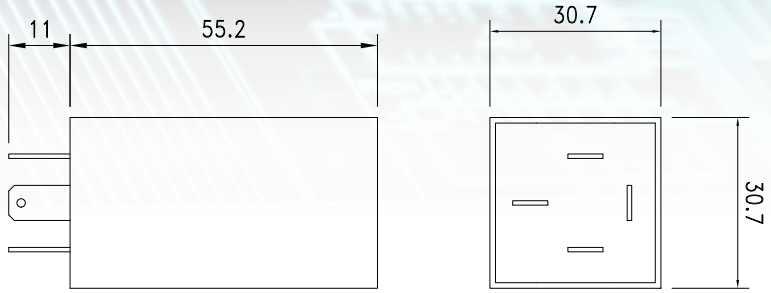


Go to index

01L4540

HOUSING

- Type III

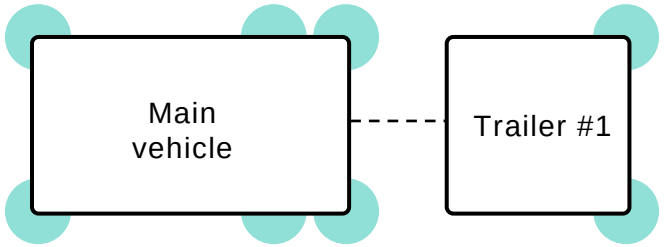


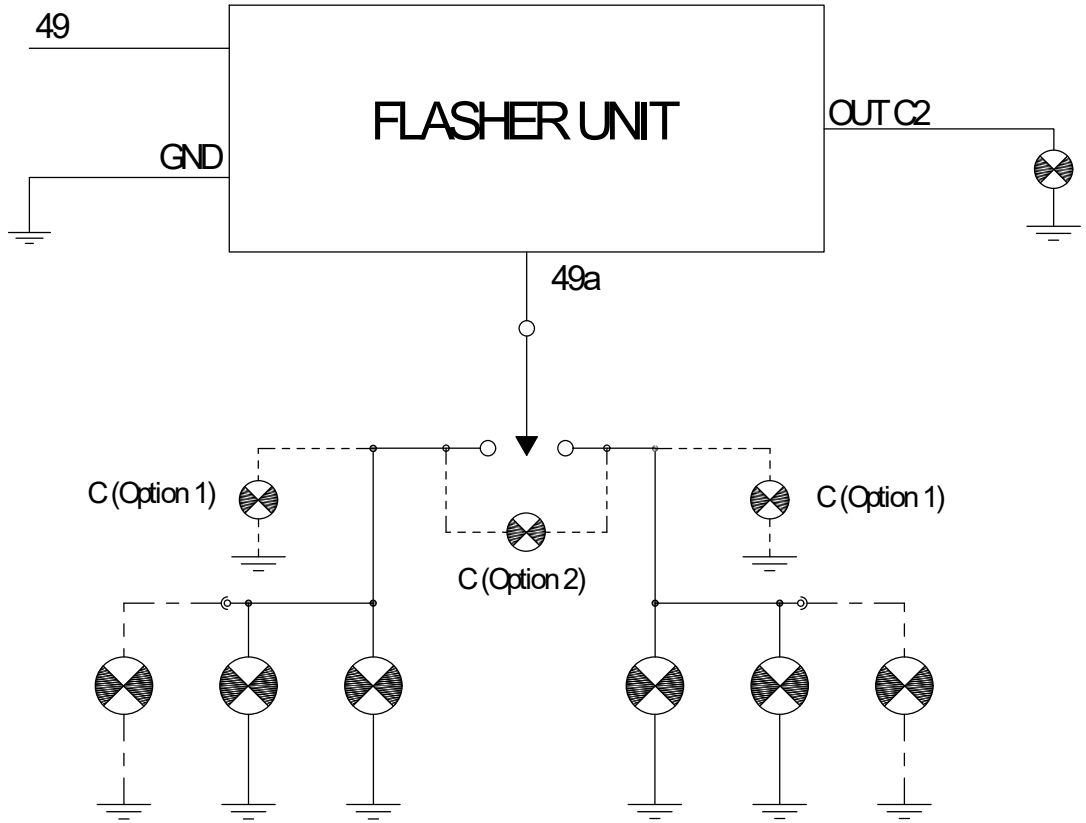
LOAD TYPE

- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

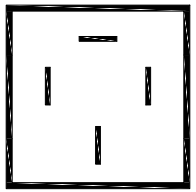
APPLICATION

12V 3+1x21W (8)





CONNECTIONS



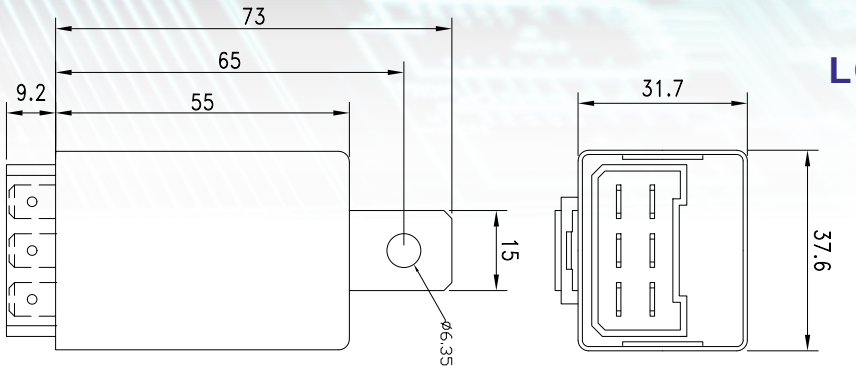
ISO 7588-C

Go to index

01L6014

HOUSING

- Type IV

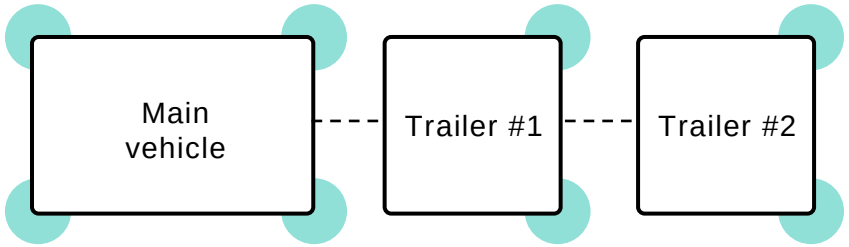


LOAD TYPE

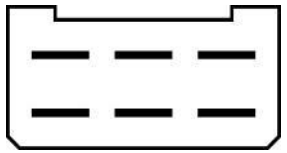
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

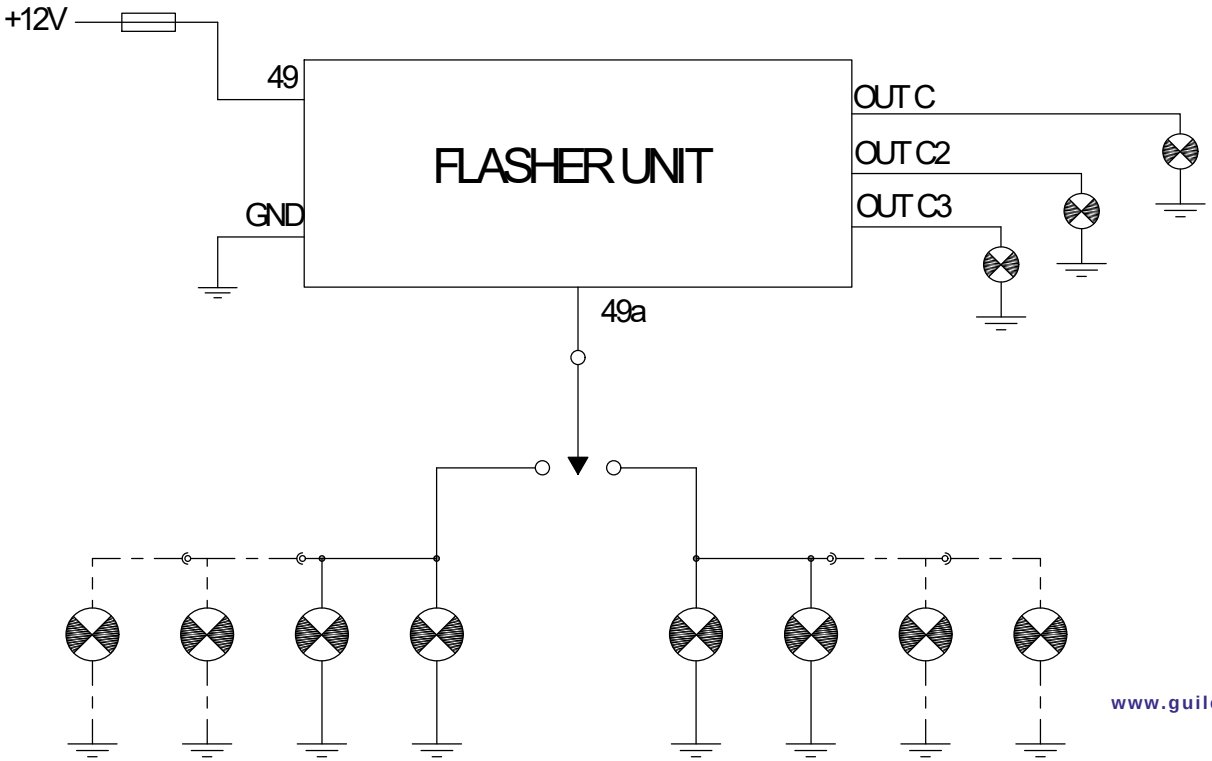
12V 2+1+1x21W (8)



CONNECTIONS



MATCHES WITH
TYCO ® / AMP - 280314

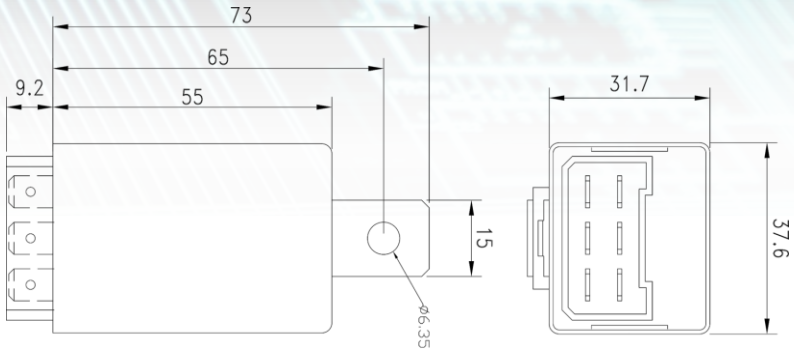


Go to index

01L6650C

HOUSING

- Type IV

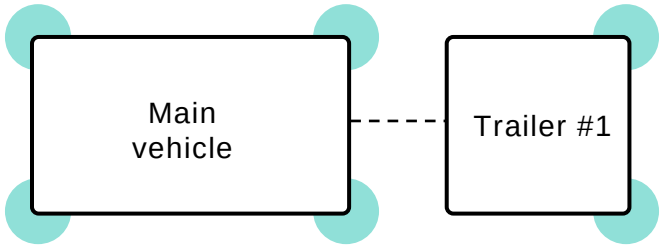


LOAD TYPE

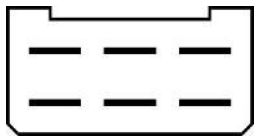
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

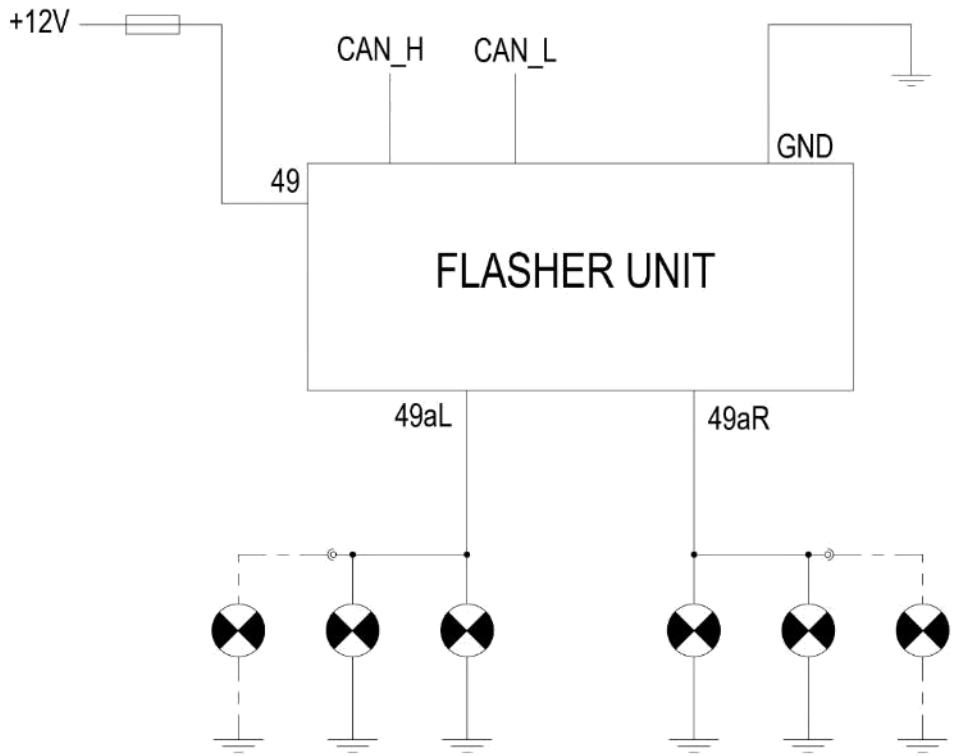
12V 2+1x21W (6) CAN



CONNECTIONS



MATCHES WITH
TYCO ® / AMP - 280314

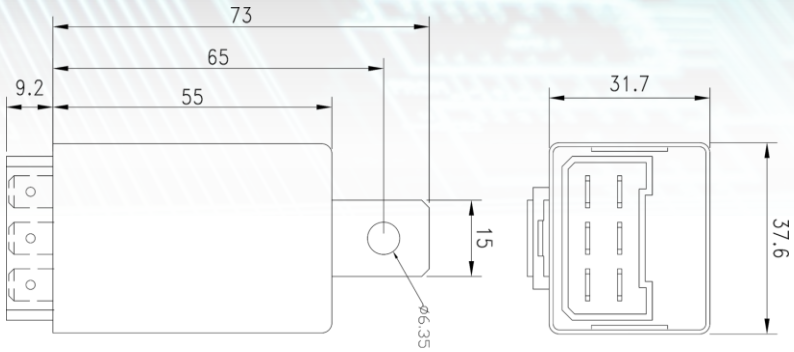


Go to index

01L6660C

HOUSING

- Type IV

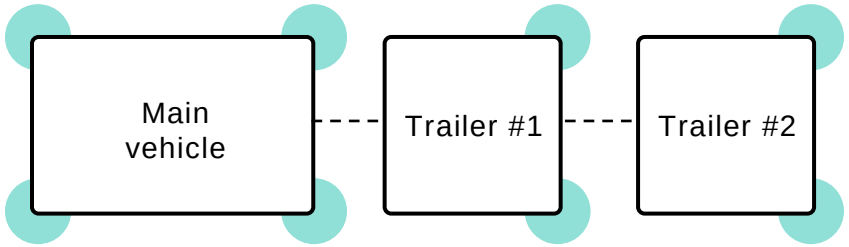


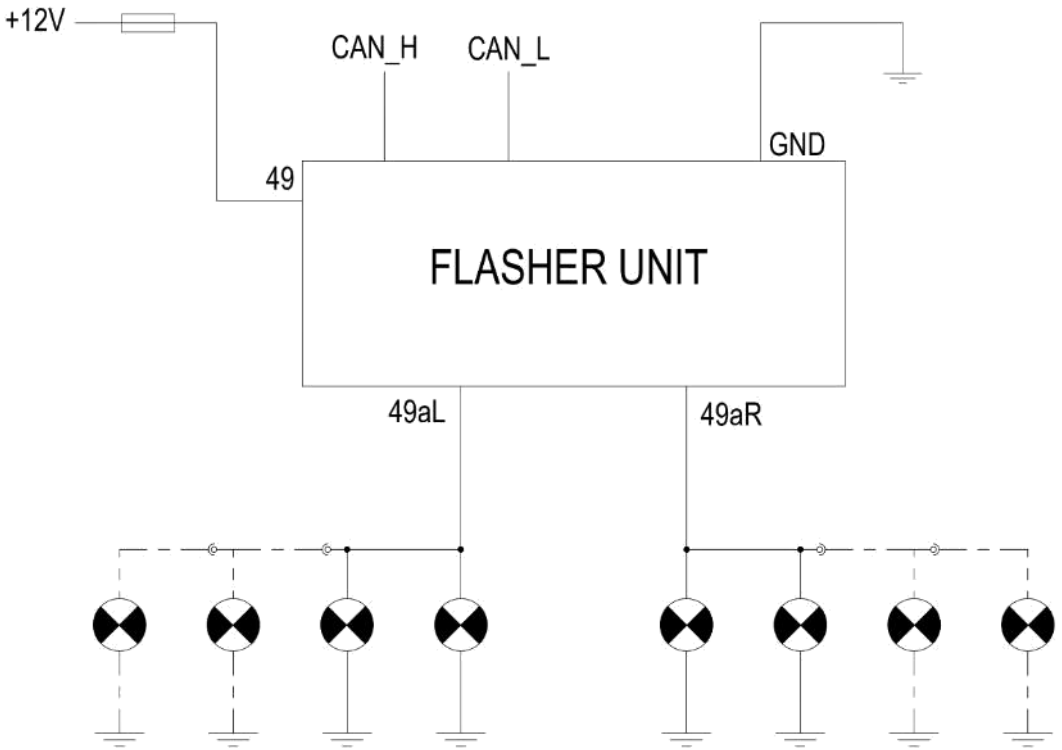
LOAD TYPE

- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

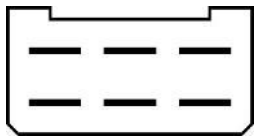
APPLICATION

12V 2+1+1x21W(8) CAN





CONNECTIONS



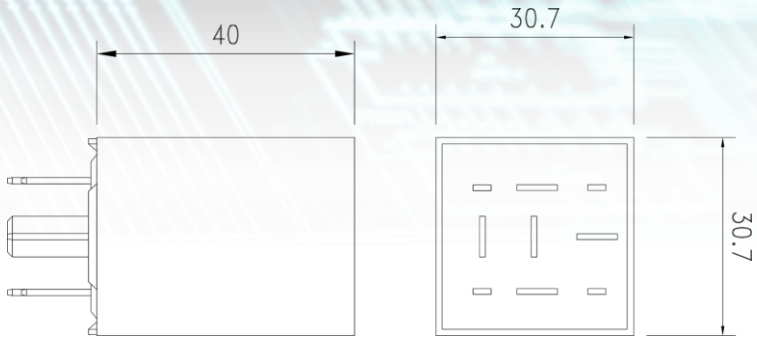
MATCHES WITH
TYCO ® / AMP - 280314

Go to index

01LA400

HOUSING

- Type II

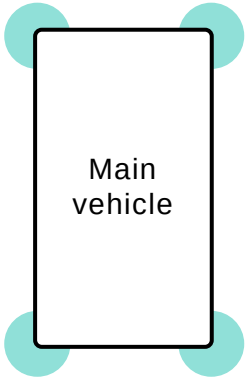


LOAD TYPE

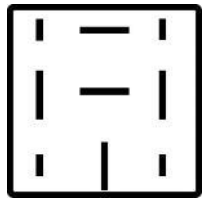
- 21W Bulb
- ISO Led Cluster
- Standard Led

APPLICATION

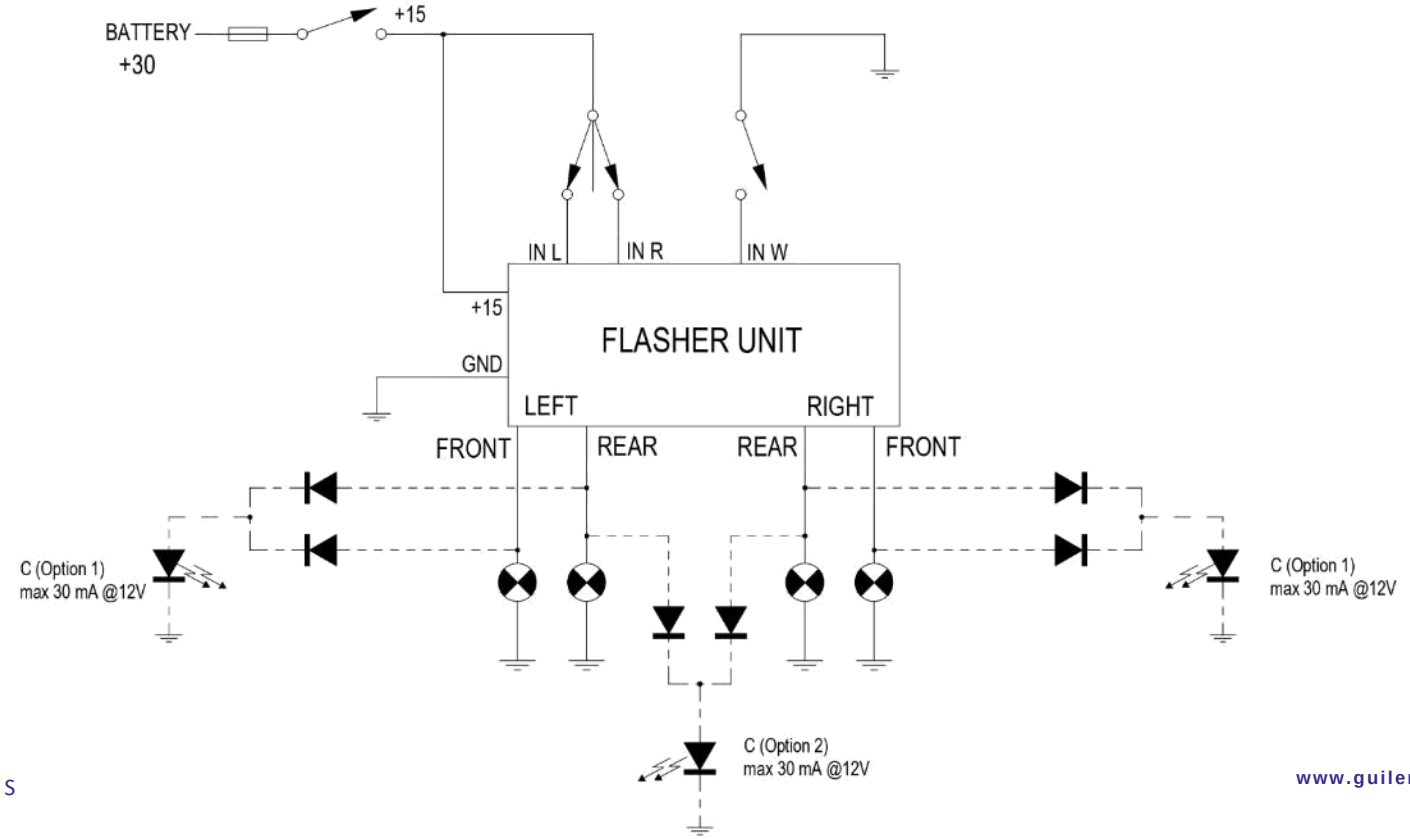
12V 2x21W (4)



CONNECTIONS



ISO 7588-C

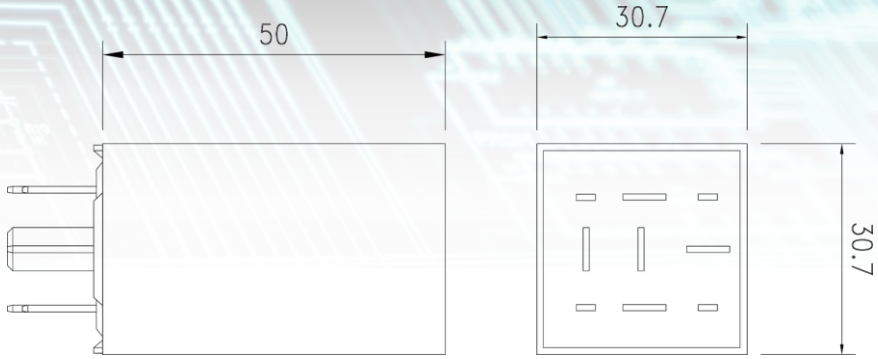


Go to index

01LA500

HOUSING

- Type III

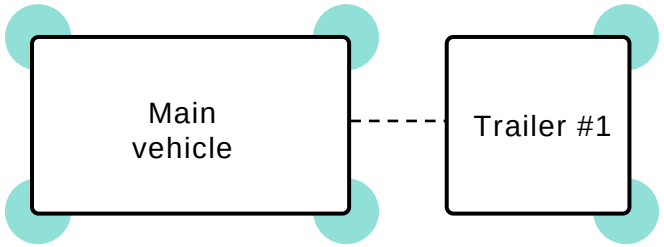


LOAD TYPE

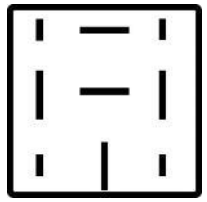
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

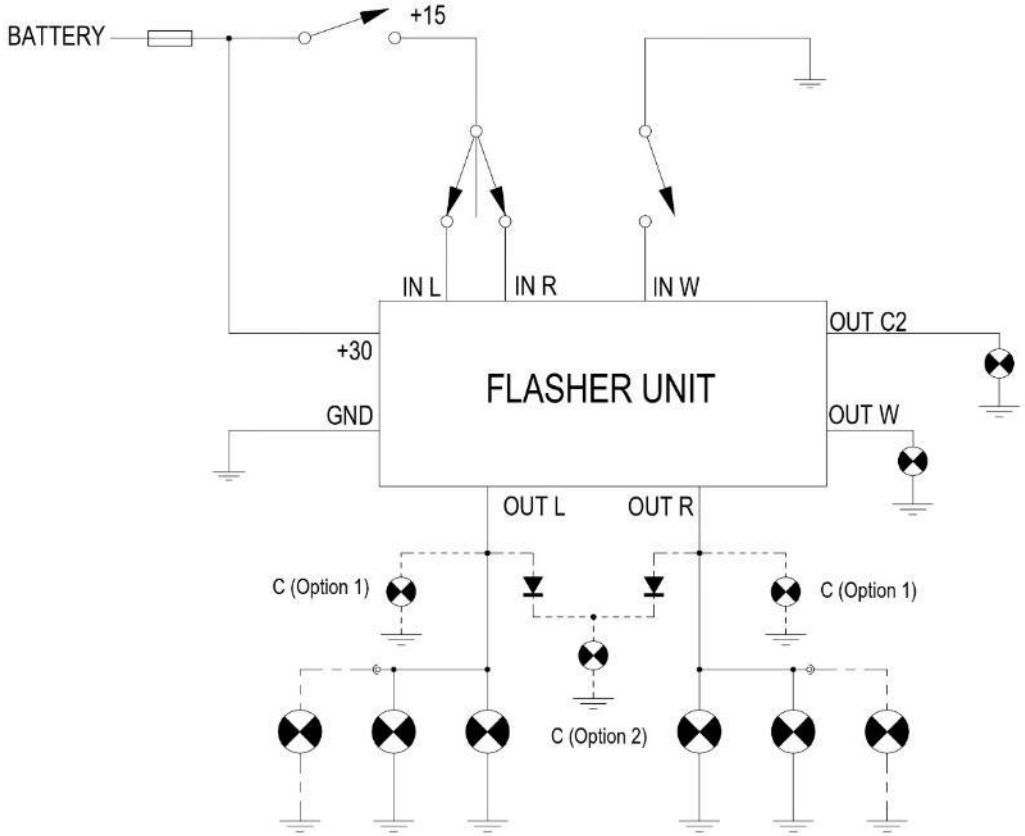
12V 2+1x21W (6)



CONNECTIONS



ISO 7588-C

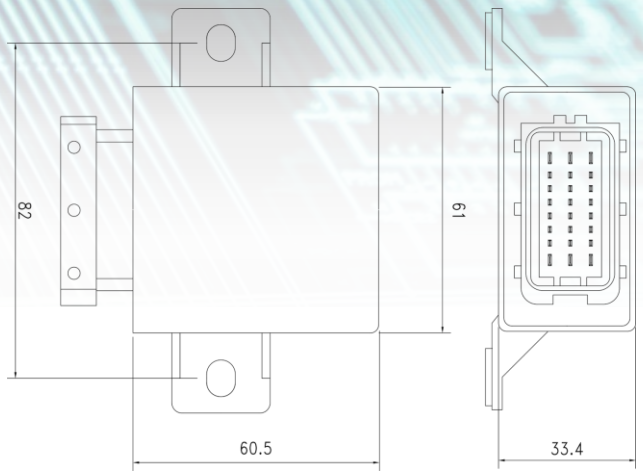


Go to index

01LF000

HOUSING

- Type VI

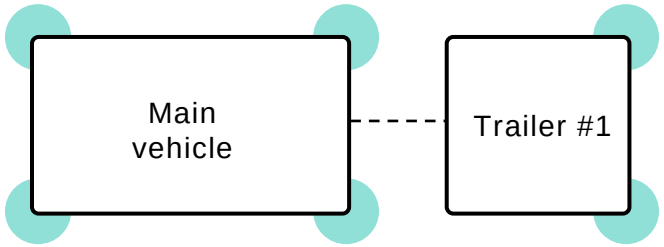


LOAD TYPE

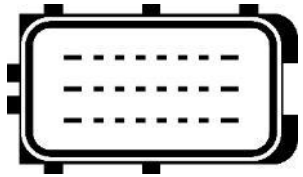
- 21W Bulb
- ISO Led Cluster
- Standard Led

APPLICATION

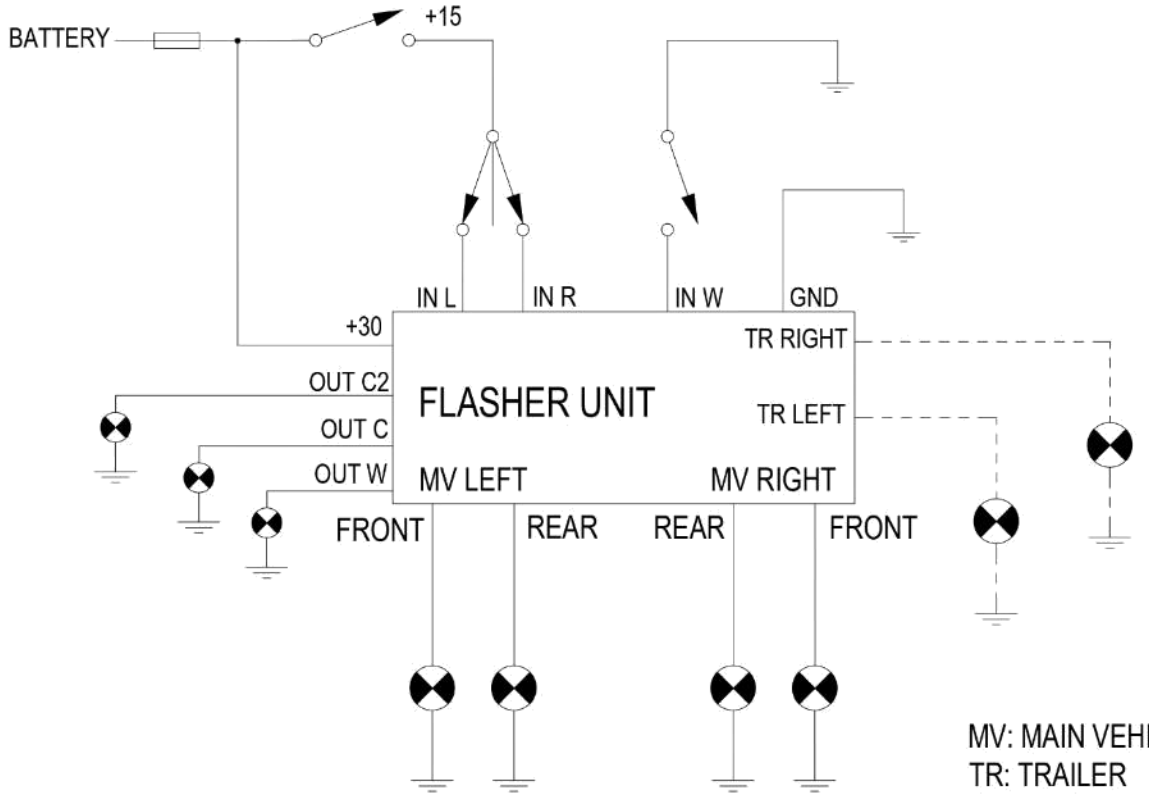
12V 2+1x21W (6)



CONNECTIONS



APTIV ® - FSC 308654



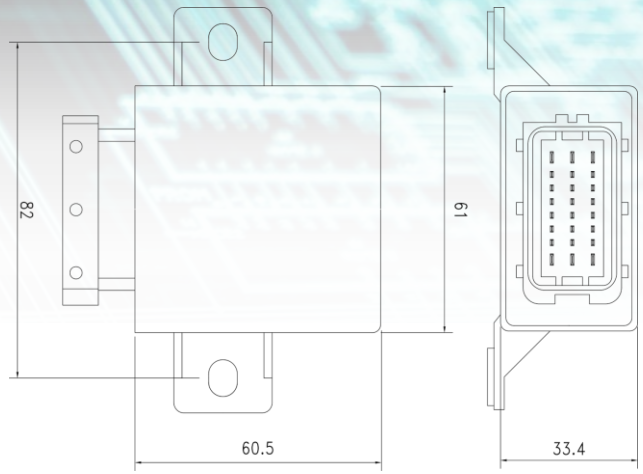
MV: MAIN VEHICLE
TR: TRAILER

Go to index

01LF010

HOUSING

- Type VI

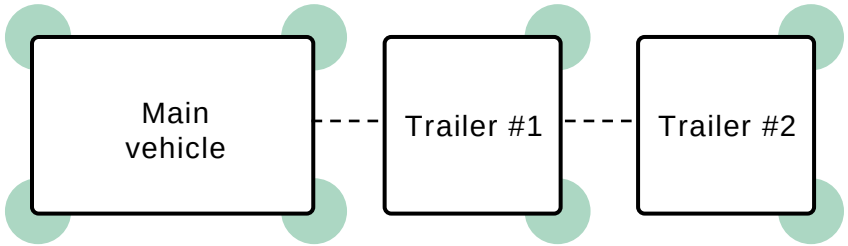


LOAD TYPE

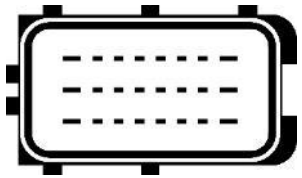
- 21W Bulb
- ISO Led Cluster
- Standard Led

APPLICATION

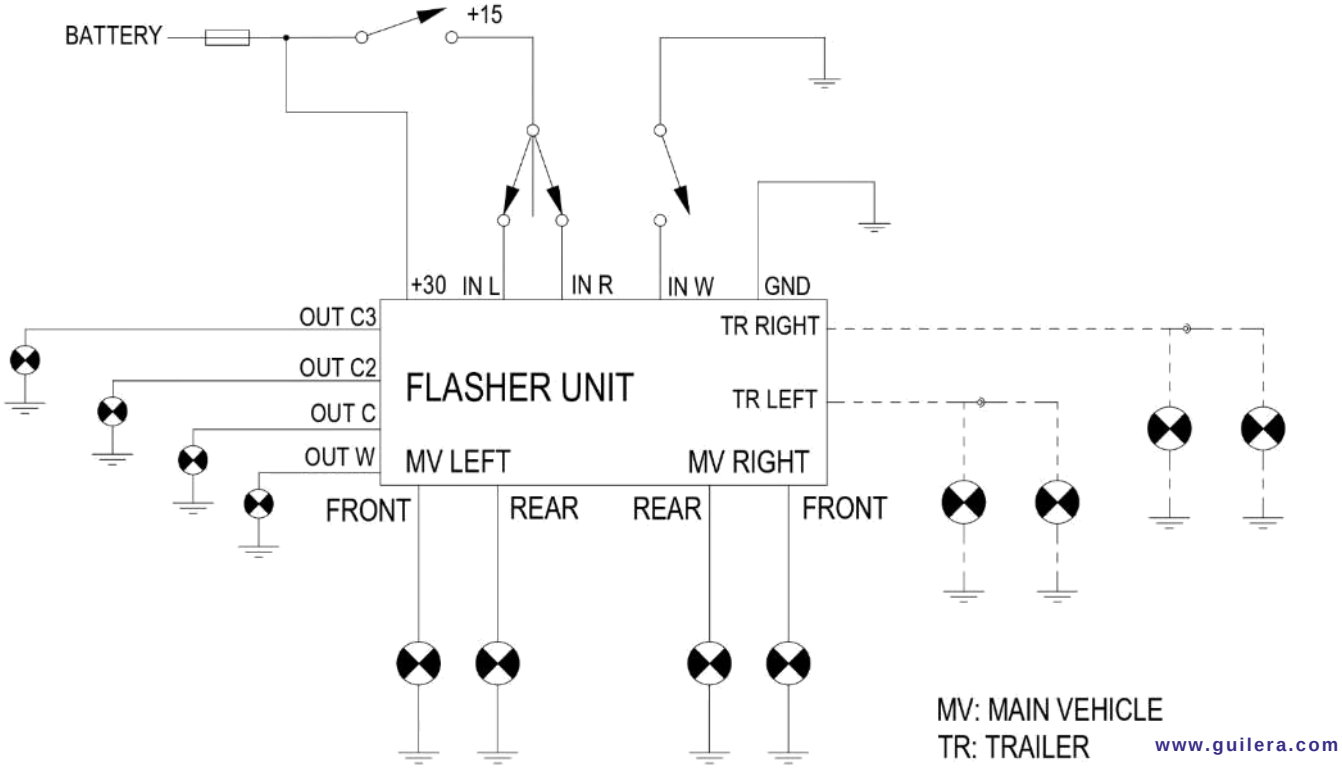
12V 2+1+1x21W (8)



CONNECTIONS



APTIV ® - FSC 308654



GUILERA® your electronic smart solutions

SIGNAL FLASHER UNITS

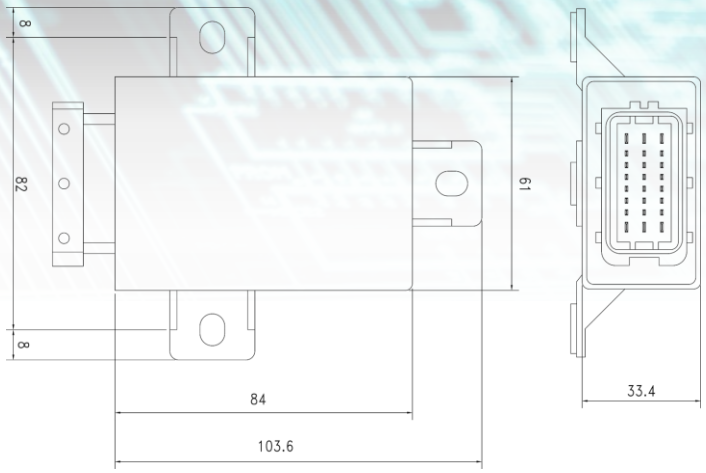
www.guilera.com

Go to index

01LFH00

HOUSING

- Type VII

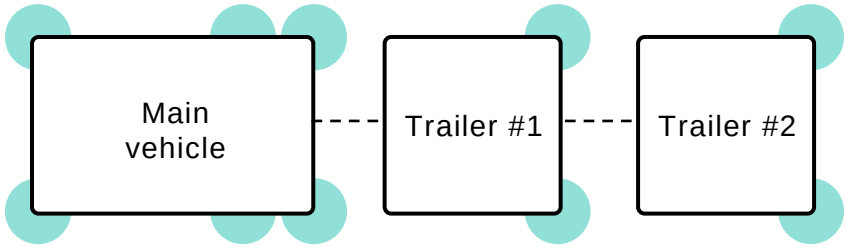


LOAD TYPE

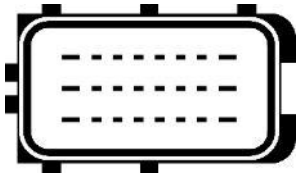
- 21W Bulb
- ISO Led Cluster
- Standard Led

APPLICATION

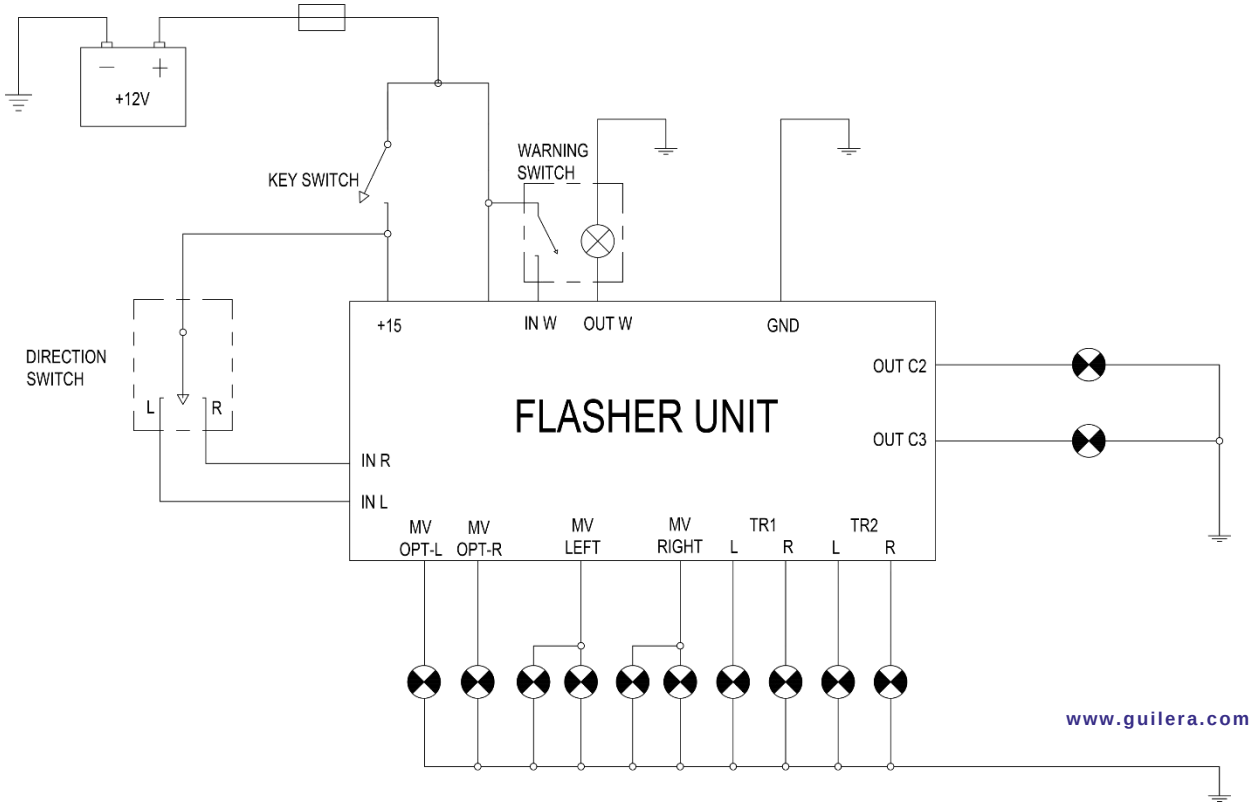
12V 3+1+1x21W (10)



CONNECTIONS



APTIV ® - FSC 308654



GUILERA® your electronic smart solutions

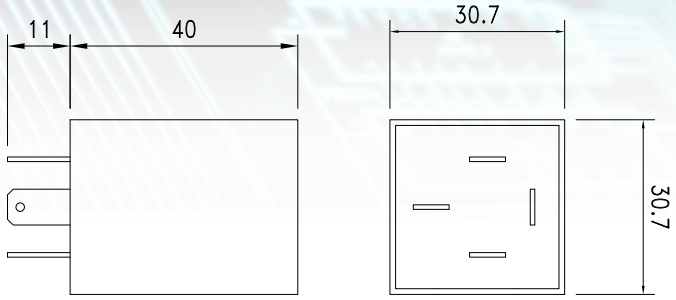
SIGNAL FLASHER UNITS

Go to index

01L4424

HOUSING

- Type II

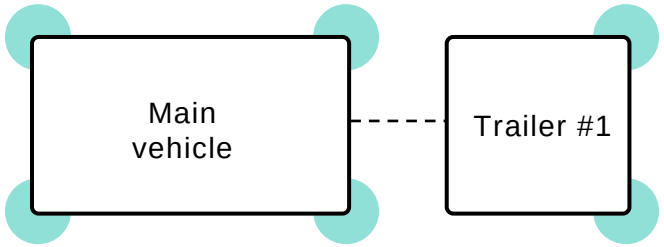


LOAD TYPE

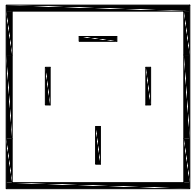
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

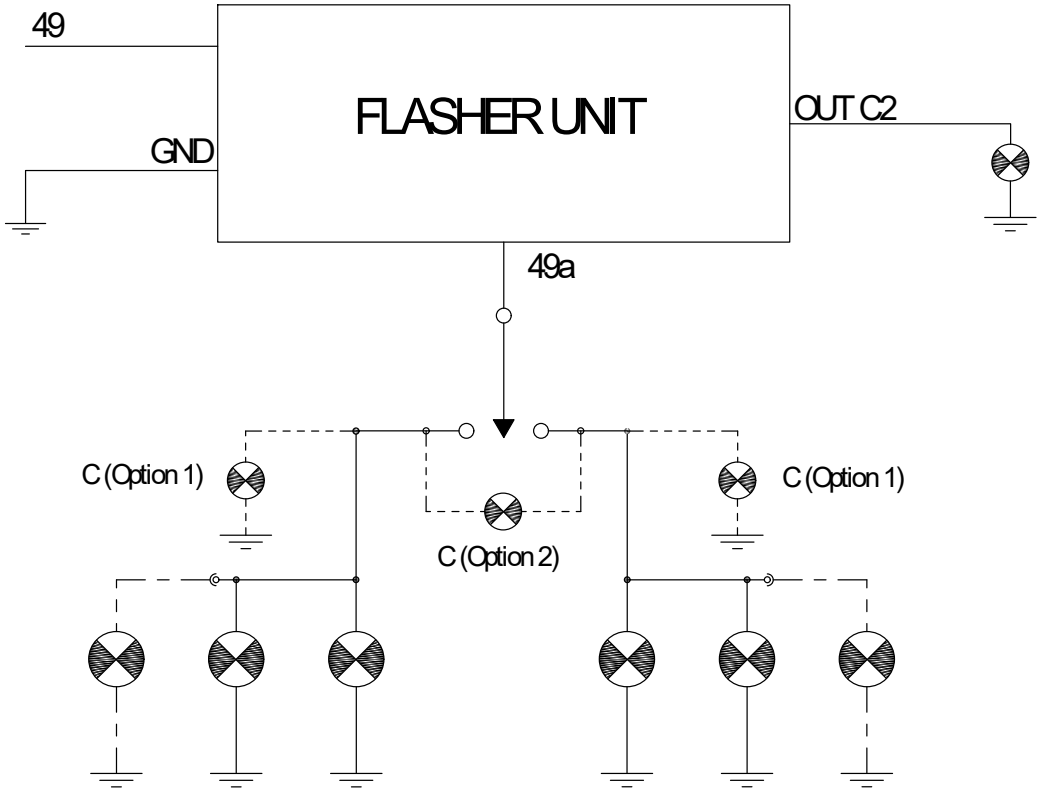
24V 2+1x21W (6)



CONNECTIONS



ISO 7588-C

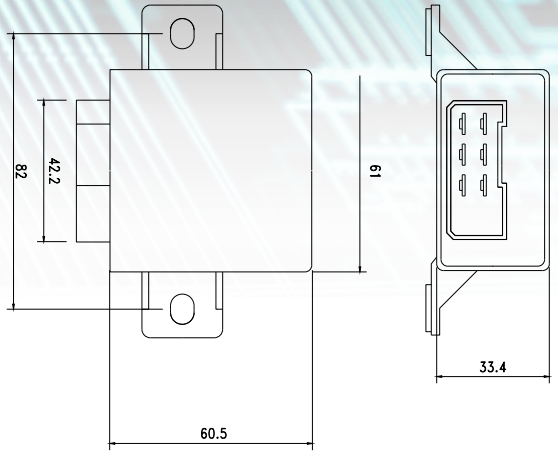


Go to index

01L6024

HOUSING

- Type V

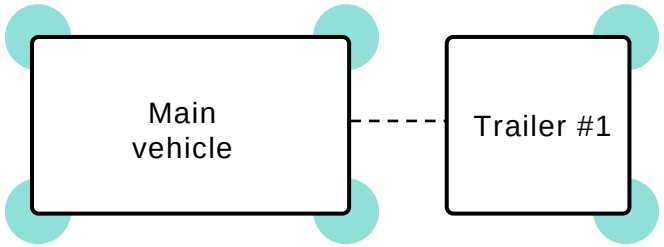


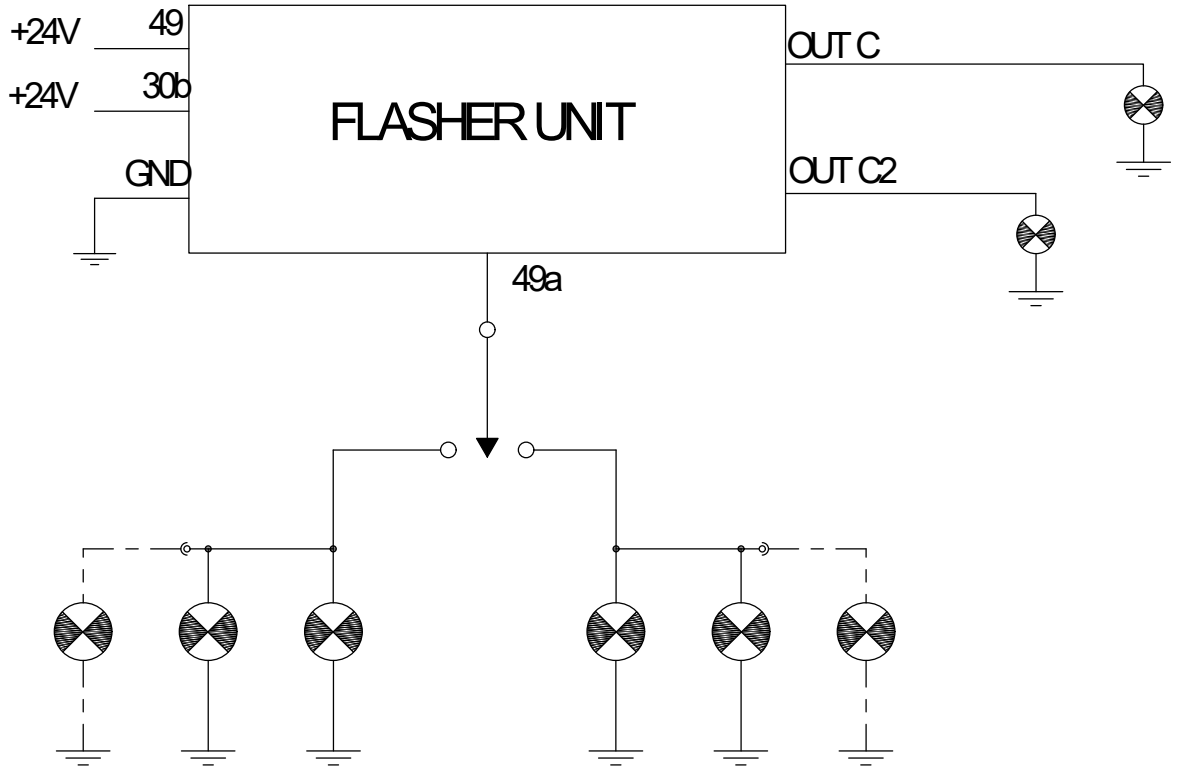
LOAD TYPE

- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

24V 2+1x21W (6)





CONNECTIONS

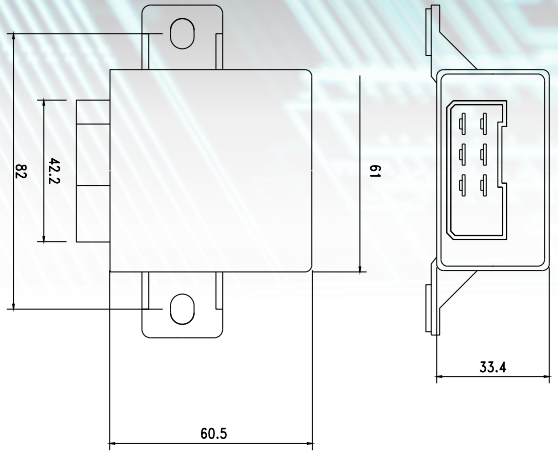
MATCHES WITH
TYCO ® / AMP - 280314

Go to index

01L6028

HOUSING

- Type V

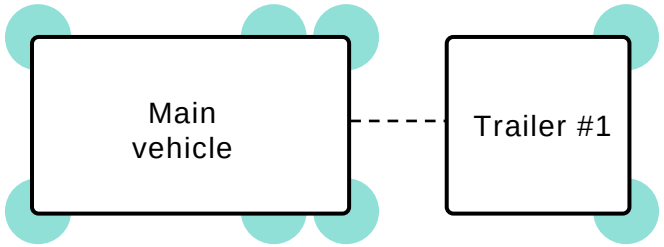


LOAD TYPE

- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

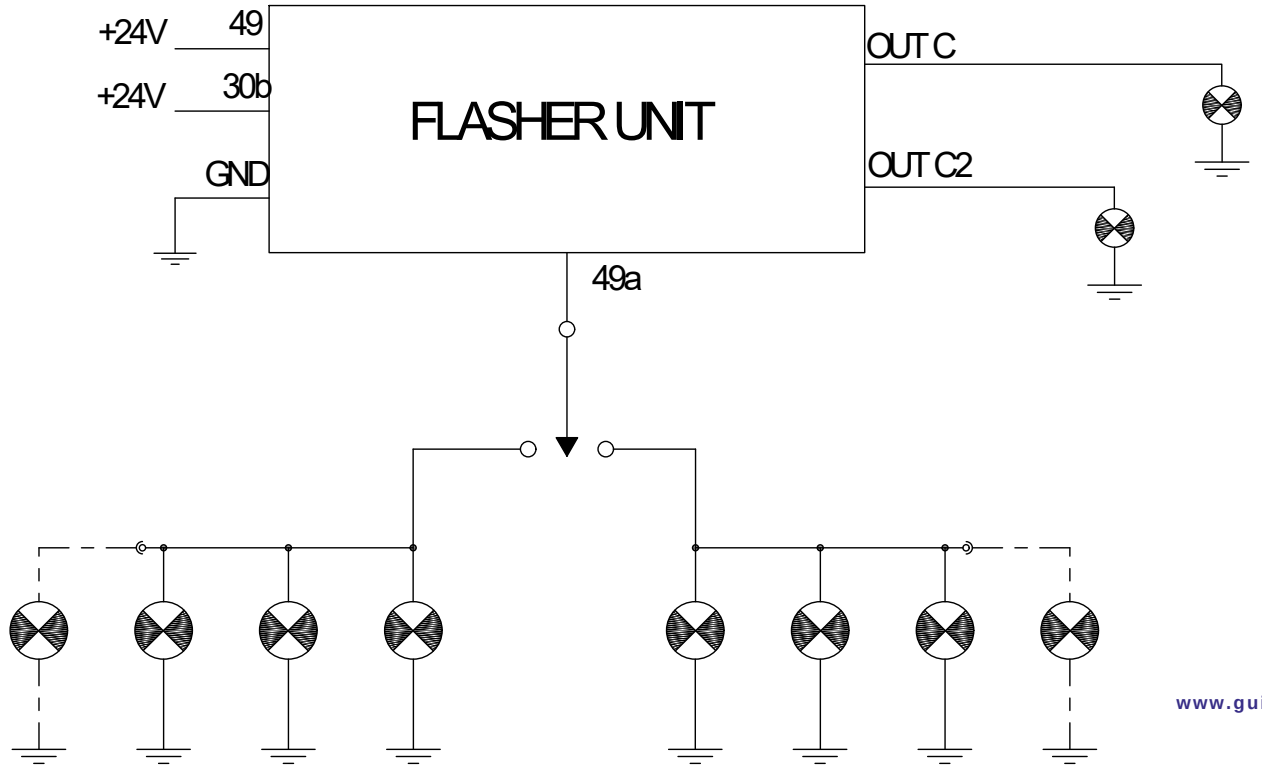
APPLICATION

24V 3+1x21W (8)



CONNECTIONS

MATCHES WITH
TYCO ® / AMP - 280314

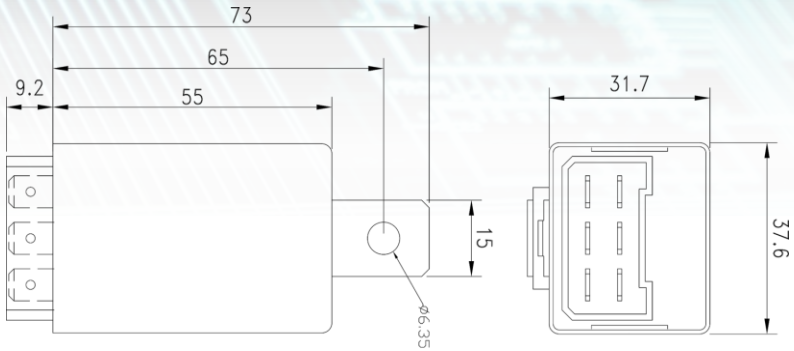


Go to index

01L6214

HOUSING

- Type IV

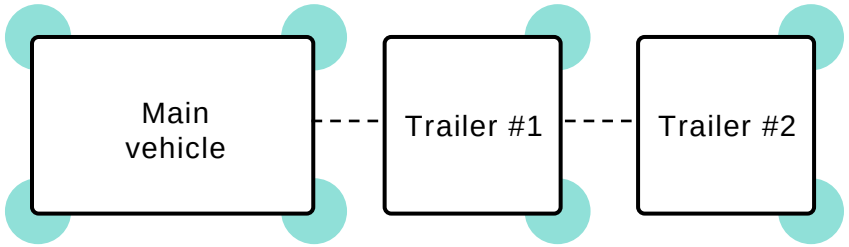


LOAD TYPE

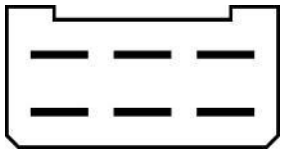
- 21W Bulb
- ISO Led Cluster
- * Standard Led (w/opt. P.N. 01L999)

APPLICATION

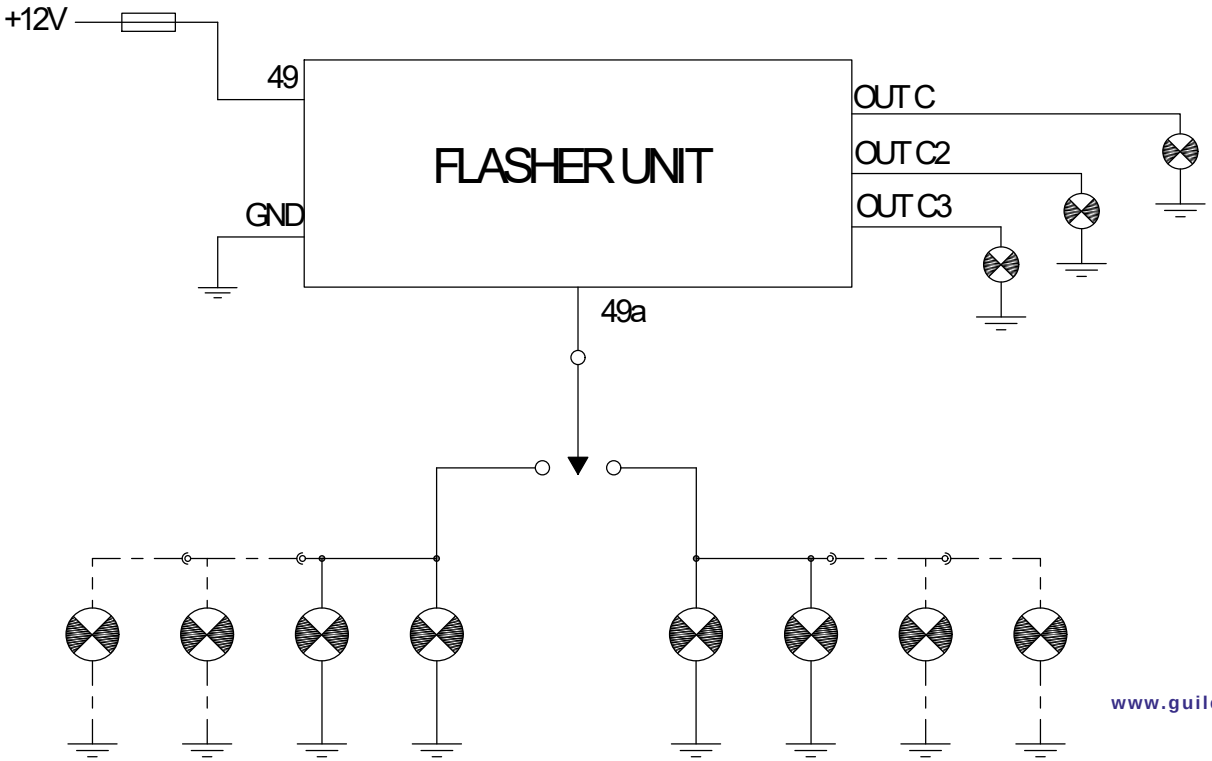
24V 2+1+1x21W (8)



CONNECTIONS



MATCHES WITH
TYCO ® / AMP - 280314



GUILERA®
your electronic smart solutions

SIGNAL FLASHER UNITS

Tel. +34 93 668 17 94 guilera@guilera.com www.guilera.com

HEADQUARTERS

Ramon Llull, 8
08750 Molins de Rei - Barcelona

PLANT FOR E-MOBILITY

Avda. Cerdanyola, 97
08173 Sant Cugat del Vallès - Barcelona

ISO UNE Normalización Española IEC International Electrotechnical Commission CEN CENELEC clustermoto hubims indústria de mobilitat sostenible