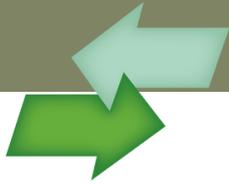


# FLASHER UNIT ISO/NASO with CAN

12V 24pins



**Flasher Units** are essential components in vehicle lighting systems, ensuring synchronized and reliable turn signal operation in agricultural, construction, and off-highway applications. They play a critical role in communicating vehicle movements to other road users and pedestrians, enhancing safety in dynamic and high-risk environments.

## Flasher Unit 12V ISO/NASO w/CAN

This flasher unit operates at 12V and supports ISO/NASO signal standards, ensuring seamless integration into existing vehicle networks. It features CAN communication for enhanced control and diagnostics, offering robust and reliable performance in demanding environments.

### Benefits:

#### Heavy-Duty Reliability:

Ensures stable and synchronized flashing operation, validated through extensive endurance testing, including prolonged use in intermittent and continuous warning modes.

#### Versatility:

Supports ISO/NASO signaling protocols for seamless integration in diverse vehicle platforms.

#### CAN Communication:

Enables real-time diagnostics and control, optimizing fleet management.

#### Safety Compliance:

Meets automotive and industrial regulations for flashing signal performance.

#### Environmental Compliance:

Fully adheres to RoHS, CE standards and ECE R10 requirements for electromagnetic compatibility.

### Technical Data

Nominal Input Voltage	12 Vdc
Nominal Load	4+1+1
Load Type	Bulbs / LED / ISO LED
Input voltage Range	9 - 16 Vcd
Lamp Failure Detection	Frequency Increase / Tale
Working Temperature	-40°C to 85°C
CAN Protocol	SAE J1939
Life Endurance	> 1.000 hours
Enclosure Material	PA6.6GF30
Connector	DELPHI/APTIV FSC 308654
Number of contacts	24 Pins
Encapsulation	IP54 (IP67 optional)

### Applications:

Guilera's Flashers are trusted across multiple sectors:

#### Agriculture:

Tractors, sprayers, harvesters, and utility vehicles requiring ISO/NASO-compliant signaling.

#### Automotive:

Trucks, trailers, and municipal service vehicles needing durable and certified flasher solutions.

#### Construction & Off-Highway:

Machinery requiring precise and durable switching.

#### Industrial & Special Machinery:

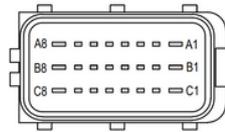
Equipment used in logistics, airport ground support, and emergency vehicle fleets.



# FLASHER UNIT ISO/NASO with CAN

12V 24pins

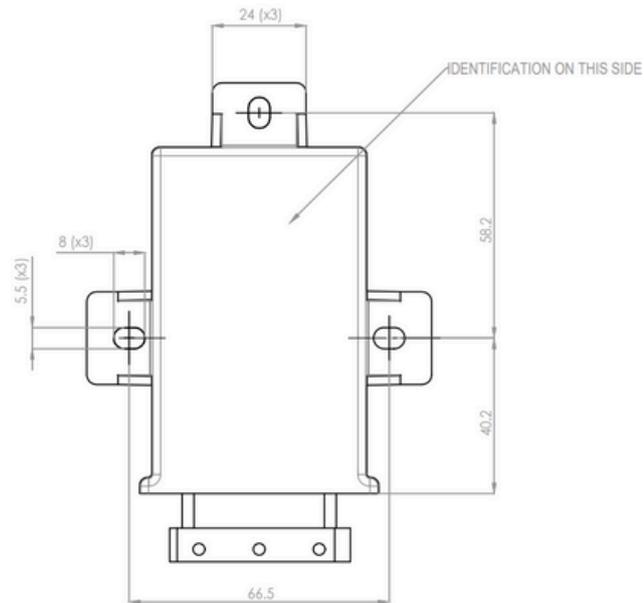
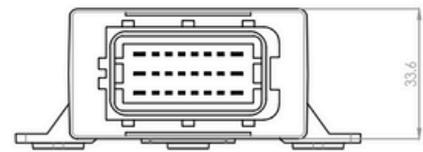
## Pin-Out:



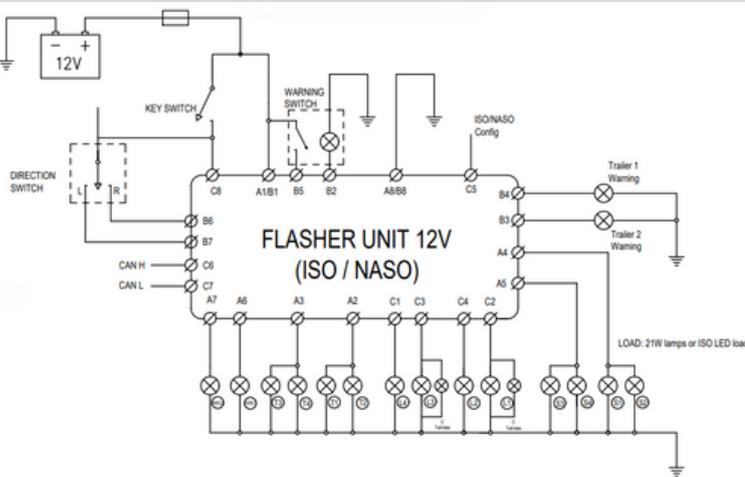
FRONT VIEW

A1: +30	B1: +30	C1: L4
A2: T1 / T2	B2: Out. Warning	C2: L1
A3: T3 / T4	B3: Out. TR3	C3: L3
A4: S1 / S2	B4: Out. TR2	C4: L2
A5: S3 / S4	B5: Input warning	C5: ISO / NASO
A6: AWL1	B6: Input right	C6: CAN H
A7: AWL2	B7: Input left	C7: CAN L
A8: 31	B8: 31	C8: +15

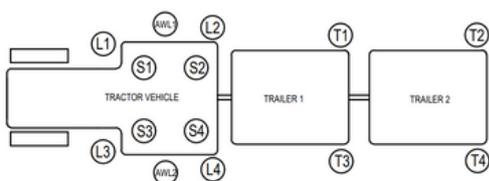
## Dimensions



## Block Function Diagram



## Lamp Configuration



- L1&L2: Tractor turn signal RIGHT
- L3&L4: Tractor turn signal LEFT
- S1&S2: AWFL roof RIGHT
- S3&S4: AWFL roof LEFT
- T1&T2: Trailer lamps signal RIGHT
- T1&T2: Trailer lamps signal LEFT
- AWL1: Tractor turn signal RIGHT or AWFL
- AWL2: Tractor turn signal LEFT or AWFL



## Order Information

Flasher Unit 12V 4+1+1 ISO/NASO: 01LH00

**Technical Notice:** Images and specifications are for reference only. Guilera reserves the right to modify product design and features without prior notice. The latest validated technical drawing is the only official document certifying product characteristics.

## GUILERA S.A.

Founded in 1953, Guilera S.A. specializes in advanced electronic and electromechanical systems for the automotive, off-highway, and mobility sectors.

Our products include reliable DC-DC converters, electronic power control systems for traction, advanced flasher units, and solid-state electronics.

Guilera is committed to sustainability and social responsibility, integrating eco-friendly practices and pursuing CSR certifications. Serving OEMs and Tier 1 suppliers, we continuously innovate to shape the future of transportation and mobility.

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