

SYOU

ECE
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EN
50498

Multi-purpose long range
motion sensor



A single electrical line

Fast and inexpensive assembly

The Syou motion sensor is capable of **simultaneously driving several loads (up to 10A)** on a single electrical line, which allows for a simplification of the electrical network and a reduction in length of the wiring harness. The geometry of the casing has been studied to leave a large area for the cable connectors thereby ensuring fast and easy assembly.



A very extensive detection range

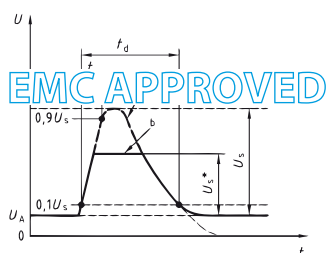
A detector adapted to each environment

Equipped with a **large detection range**, suitable for 12 or 24 V, SYOU can be adapted to all types of vehicles including refrigerated environments since they can function up to - 30°C. Two types of outputs can be regulated during installation, timed for 10 minutes or impulse mode which allows for **varied application commands** such as lighting, electrical air vents, actuators, alarms, etc.



High impact resistant casing Robust and durable build

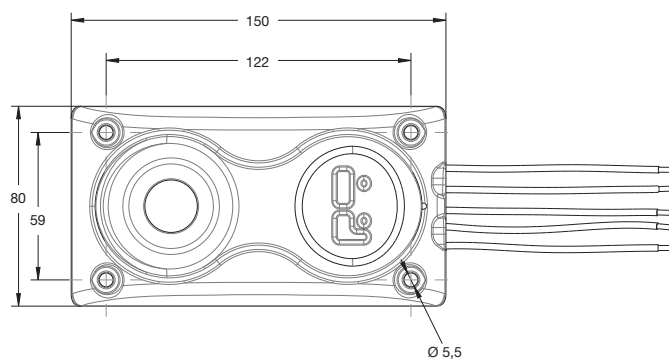
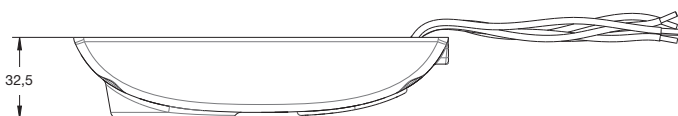
Made of plastic with high mechanical properties, the detector casing, rated IK10, was designed to guarantee the protection of the sensor and optimal impact resistance.
Rated IP67, the product also complies with regulation of the transport of hazardous materials (ADR)..



EMC -EN 50498 Approved electronics The solution for electro-magnetic disruptions

Approved and compliant with the automobile EMC (Electromagnetic compatibility) directive and regulation, this movement detector was designed with electronics adapted to the constraints of on-board industrial vehicle electrical networks. It complies with standard EN 50498.

DIMENSIONS



CHARACTERISTICS

Ref	Power voltage	Maximum switchable intensity	Maximum switchable current	Operating temperature	Water Proofed	Impact strength	ADR compliant	Dimensions	Weight
40.51925	9-36 Volts DC	10 A Resistive load. For other loads please ask	36 Volts DC	-30°C +50°C	IP67	IK10	Yes	80 x 150 x 32.5 mm	0.320 Kg