

# Jinbo Marine

Marine &amp; Offshore Equipment Datasheet

PRODUCT DATASHEET

## MARINE ELECTRICAL INSTRUMENT

## CSB-2 Overspeed Protection Box

CSB-2 Overspeed Protection Box This product is used for diesel engine runaway protection and matching with magnetolectric speed sensor of our factory (sensor thread and length can be provided by the user) ...

ISO9001 Supplier

Class Certificate

Export Supply



### Key Highlights

Category	Marine Electrical Instrument
Standard	DIN
Weight / Size	2A Dimensions and installation 2 : How it works.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

Category	Marine Electrical Instrument	Model / SKU	CSB-2-Overspeed-Protection-Box
Standard	DIN	Weight / Size	2A Dimensions and installation 2 : How it works.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

#### CONTENTS

- CSB-2 Overspeed Protection Box
- 1 : Technical parameters.
- 2 : How it works.
- 3 : Instructions for use
- 4. Precautions

## CSB-2 Overspeed Protection Box

This product is used for diesel engine runaway protection and matching with magnetolectric speed sensor of our factory

(sensor thread and length can be provided by the user)



## 1 : Technical parameters.

1. Power supply: DC24 + - 20%
2. Number of teeth (provided by user)
3. The setting range is 1600 rpm-2400 RPM (the setting range can be determined according to the rated speed of the user's diesel engine)
4. Applicable environment - 25c-55c /, relative humidity < 95%
5. Contact capacity: 27vdc.5a, 220VAC. 2A

Dimensions and installation

## 2 : How it works.

This product takes the pulse signal from the speed sensor, converts it into frequency and voltage, compares it with the set value, and drives the relay to make the actuator act, so as to achieve the purpose of flying protection.

## 3 : Instructions for use

1. Wire according to the wiring diagram.
2. Turn on the 24 V power supply and the power indicator will be on.
3. When the diesel engine starts to 900 rpm, the speed indicator is on (adjustable)
4. When the diesel engine rises to 115% of the rated speed. The overspeed indicator lights up and the relay acts.
5. At the rated speed, press the 85% button, the overspeed indicator lights up, and the relay acts. This function can be used to verify the protection function of the device.
6. The setting potentiometer can adjust the overspeed setting value, and the setting range can be increased clockwise according to the user's requirements.

## 4. Precautions

Before power on, the wiring should be correct. The internal relay contact of 7 pins and 8 pins of output terminal has been connected with the negative terminal of DC24 V, and the external relay only needs to be connected to the positive terminal of DC24 V.