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# Digital AC Motor Brake



## Digital AC Motor Brake

- Product model : ZD-15S
- Product size : 120\*220mm

AC motor electronic brake is an electronic control device that realizes fast and effective braking of AC asynchronous motor. The device utilizes power electronic technology and single-chip microcomputer control technology to realize the braking of the AC asynchronous motor, and has the functions of braking time setting, braking current setting, motor speed monitoring feedback and the like. The ZD-15S is mounted on a 35mm standard rail and the ZD-15L is mounted on a connecting plate.

## Product features:

- Brake current and brake time can be set according to AC motor and load.
- It can monitor whether the AC motor stops braking, and stop braking within half a second to one second after the motor stops braking. Output of dynamic signal.
- Easy to connect with the main circuit of AC motor, suitable for single speed, multi-speed, star connection and corner connection, and can be interlocked with the control circuit to ensure safe and reliable operation.
- For users, compared with the traditional braking device, using this device has the advantages of low cost and installation. Convenient, quick braking, long service life, etc.

## Technical Data:

### 电气参数 / Technical Data

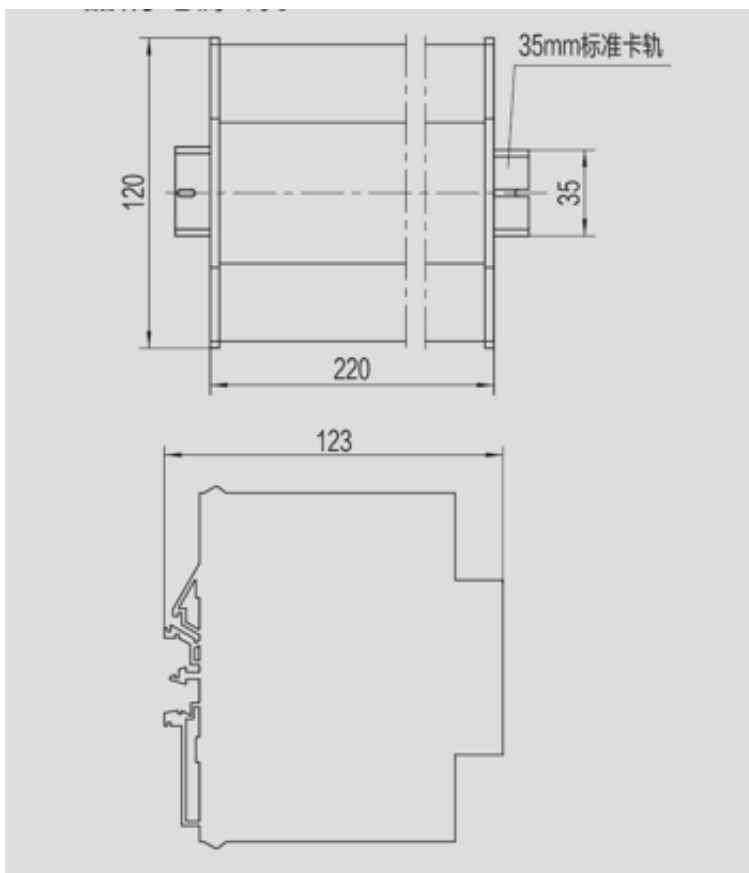
型 号 model	适用电机 Applicable motor	制动电流 Brake current	输入电压 Input voltage
ZD-15	$\leq 15\text{KW}$	$< 45\text{A}$	$\text{AC}380\text{V} \pm 10\%$

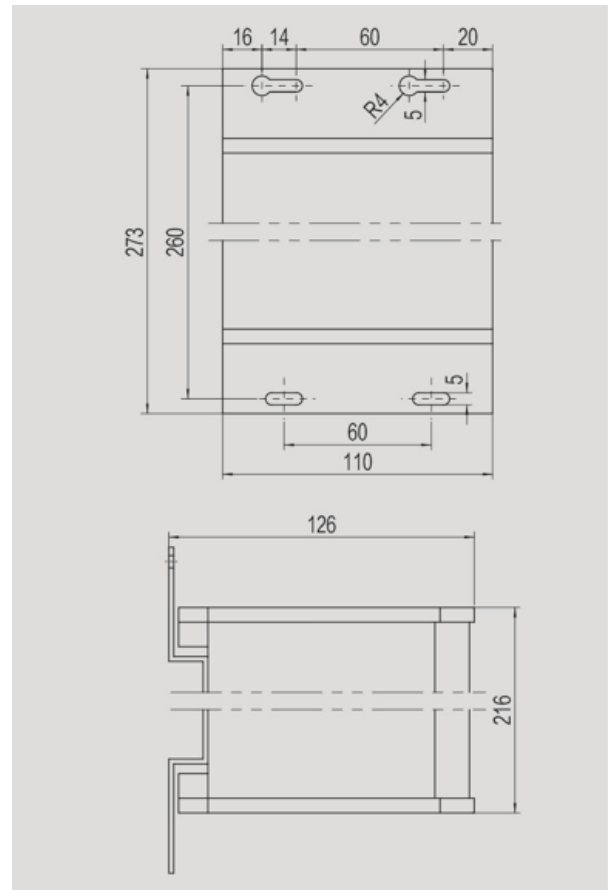
#### Precautions:

- ◆ Set the braking current should not exceed 2 times the rated current of the motor, and reduce the braking current if the braking time allows.
- ◆ When connecting the external circuit, the brake contactor must be interlocked with the positive and reverse contactors of the motor to prevent short circuit of the power supply.

#### Installation dimensions and instructions:

This device is installed with a 35mm clamping rail, and the ground wire is firmly connected. The input power supply end should be connected with a two-phase air switch before being connected to the power supply end of this brake.





[Installation dimensions and instructions of ZD-15S](#)  
[Instructions](#)

[ZD-15L Installation Dimensions and](#)

# 交流电机电子制动器

## Digital AC Motor Brake

### 产品简介 /Introduction

专利号: ZL2011 2 0290056.7/Patent No.: zL2011 2 0290056.7

交流电机电子制动器是实现交流异步电动机快速有效制动的电子控制装置。该装置利用电力电子技术和单片机控制技术实现对交流异步电动机的制动,同时具有制动时间设置、制动电流设置、电机速度监测反馈等功能。ZD-15S 采用 35mm 标准卡轨安装, ZD-15L 采用连接板安装。

AC motor electronic brake is an electronic control device that realizes fast and effective braking of AC asynchronous motor. The device utilizes power electronic technology and single-chip microcomputer control technology to realize the braking of the AC asynchronous motor, and has the functions of braking time setting, braking current setting, motor speed monitoring feedback and the like. The ZD-15S is mounted on a 35mm standard rail and the ZD-15L is mounted on a connecting plate.



ZD-15S



ZD-15L

### 产品特点 /Features

制动迅速、有效、安全、使用寿命长

Brake is fast, effective, safe and has a long service life.

可根据交流电机及负载情况设置制动电流和制动时间

Brake current and braking time can be set according to AC motor and load conditions.

可监测交流电机是否制动停转, 在电机制动停转半秒至一秒内停止制动信号的输出

It can monitor whether the AC motor stops braking and stops the output of the brake signal within half a second to one second of the motor brake stop.

注意

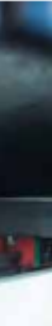
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Product link : <https://www.xulonggk.com/digital-ac-motor-brake.html>