

广州西门子PLC模块CPU供应商

产品名称	广州西门子PLC模块CPU供应商
公司名称	浔之漫智控技术（上海）有限公司总部
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产品详情

广州西门子PLC模块CPU供应商

济南西门子电源代理商，湖北西门子PLC代理商，荆门西门子触摸屏代理商，上海西门子变频器代理商，北京西门子交换机供应商，江苏CPU模块代理商，浙江西门子S7-200,S7-300,S7-1500,S7-1200系列代理商，长沙西门子电机代理商，湖北西门子电缆代理商，武汉西门子通讯电缆代理商，济南西门子模块代理商。西门子授权一级代理商，深圳西门子授权总代理商，浔之漫智控技术（上海）有限公司，欢迎致电浔之漫智控技术上海有限公司采购自然人独资。经营范围：从事动化科技、机电领域内的技术开发、技术转让、技术咨询、技术服务、工业自动化设备安装、工业自动化控制设备、电气设备、机电设备、电子产品、五金产品、金属材料、仪器仪表、橡塑制品销售、商务信息咨询、软件开发、装修装饰建设工程施工、建筑安装工程（除特种设备），机械设备租赁（不得从事金融租赁），物业管理。工业自动化设备加工、销售。浔之漫智控技术上海有限公司在经营活动中精益求精，具备如下业务优势：SIEMENS 可编程控制器1、SIMATIC S7 系列PLC：S7-200、S7-1200、S7-300、S7-400、ET-2002、逻辑控制模块LOGO！230RC、230RCO、230RCL、24RC、24RCL等

Platform screen door drive

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概述

SIDOOR ATE530S/531S wiring diagram

The SIDOOR ATE53xS door controller is an “ intelligent ” door drive which can be used for safety-oriented operation of platform screen doors (PSD) according to individual requirements. Siemens has once again shown just how easy integration can be with the innovative SIDOOR ATE53xS platform screen door drive in conjunction with SIDOOR MED280 or MEG251 motors. The PROFINET module integrated in the SIDOOR ATE53xS enables standardized, certified connection to PROFINET IO systems.

Use of standard automation components

Full integration into TIA Portal and STEP 7 thanks to PROFINET connection

Parameter assignment and monitoring of door control parameters via the PROFINET interface (function blocks available as example applications in SIOS).

Application example: Synchronization of two-panel and independent platform screen doors with SIDOOR ATE530S PROFINET EC door drive and S7-1500 CPU via TIA Portal <https://support.industry.com/cs/de/en/view/109480495>

Application example: Safety-oriented automation of platform screen doors with SIDOOR ATE530S PROFINET EC door drive and S7-1500 CPU via TIA Portal <https://support.industry.com/cs/de/en/view/109477186>

Read-in of two safe signals (two-channel, antivalent)

High level of system safety thanks to safe torque off (e.g. self-release in the event of a fault)

Firmware update for all SIDOOR controllers on an entire platform possible centrally via TCP/IP

SIL 2 according to IEC 62061

优势

The number of inputs and outputs can be expanded using SIMATIC components, allowing for each individual platform screen door to be equipped as required.

End-to-end communication via PROFINET e.g. with SIMATIC controllers.

One communication system for the whole platform.

Parameter assignment, configuration, diagnostics and evaluation of the door control parameters via the PROFINET interface (function blocks available as application examples).

Fully automated learn run with automatic friction, door width and mass determination.

The screwless enclosure concept allows the device to be opened and closed without tools, thereby reducing installation times.

Service life with gearless EC direct drive is longer since there are only a small number of components susceptible to wear installed.

When the SIDOOR MED280 is used, only one motor is required for drive directions left/right.

Failsafe thanks to automatic overload protection

应用

Platforms represent a potential hazard for passengers and train drivers and are also bottlenecks for rail logistics processes. Installing separating screens between the platform and the track bed solves these problems, as well as a range of others. Platform screen doors ensure the fast and safe boarding and alighting of passengers. Siemens has unveiled a new controller and drive-based solution that is capable of being deployed for this purpose without extensive engineering.

A central component of this solution is the SIDOOR ATE530S/ATE531S door controller with PROFINET communication. Thanks to its PROFINET communication functionality, this modern complete drive can be integrated into individual platform control systems with very little effort.

SIDOOR MED280 and SIDOOR MEG251 EC motors from Siemens provide the movement, and are able to quickly and precisely open and close doors weighing up to 280 kg or 250 kg respectively as standard.

The main highlight is that The controller and motor form an overall system that match each other perfectly and that can be automated, parameterized and diagnosed via the "TIA Portal" engineering framework.

At the same time, the system can also adapt to the specific boundary conditions of an application, thus offering a host of new opportunities in group sales with SIMATIC products. This minimizes overall engineering outlay and also proves extremely friendly service.

设计 The platform screen door drive system consists of a number of components:

Version

Article No.

Controller

SIDOOR ATE530S Platform Screen Door Drive

6FB1231-3BM12-7AT0

SIDOOR ATE530S coated, version with
protective coating

SIDOOR ATE531 Platform Screen Door Drive

6FB1231-3BM11-7AT0

SIDOOR ATE531S, version with protective coating and extended temperature range

Direct drive

SIDOOR MED280 (max. door weight 280 kg)

6FB1203-0AT12-7DA0

EC geared motor

SIDOOR MEG251 EC geared motor (max. door weight 250 kg)

6FB1203-5AT00-7MP0

SIDOOR MEG251 L

6FB1203-5AT01-7MP0

SIDOOR MEG251 R

Power supplies

Mains transformer

6FB1112-0AT20-2TR0

Additional units

Software Kit

6FB1105-0AT01-6SW0

Service Tool

6FB1105-0AT01-6ST0

Accessories EC direct drive (MED280)

Motor holder

6FB1104-0AT03-0AD0

Mounting brackets

For mounting the motor holder

6FB1104-0AT05-0AS4

With tensioning device for mounting the deflector
unit and setting the toothed belt to the required
tension (large)

6FB1104-0AT05-0AS5

With tensioning device for mounting the deflector
unit and setting the toothed belt to the required
tension (small)

Door clutch holder, width 20 mm

6FB1104-0AT05-0AS1

Toothed belt, width 20 mm

6FB1104-0AT05-0AB0

Length 4 m

6FB1104-0AT06-0AB1

Length 45 m

Deflector unit

For attaching the SIDOOR toothed belt and
fixing to the door

6FB1104-0AT07-0AS0

组态

The following interfaces are available for operating the SIDOOR ATE250S controller:

Field bus system

Local service terminal

Additional units (SIDOOR Service Tool, SIDOOR Software Kit)

Service button

The following options are available for parameterizing the SIDOOR ATE250S
controller:

Minimal editor