



图 1：模块图片

Figure 1: View of unit

	① + ②
	SZS 0,5x3 max. Ø 3,5 mm
	1 x 0,5 - 4 mm²
	1 x 0,5 - 2,5 mm²
AWG	22 - 12
Nm	0,5 - 0,6 Nm
	6,5 mm

图 2：接线端子数据

Figure 2: Terminal data

简介

电源模块 PS207 是机柜内装式设备，防护等级 IP20，保护级别为 II 类（没有接地保护导线）。

本电源为开关电源。用于连接到符合 VDE 0100 T 300 / IEC 364-3 的 TN 或 TT 单相交流供电系统，其额定输入电压为交流 100-240 V 50/60 Hz，输出电压为直流 +24 V，电气隔离，具有短路保护和空载保护功能。

另见图 1

安全提示

注意

本设备/系统的安全正常运行依赖于正确规范的运输、存放、装配、安装作业以及仔细谨慎的操作和维护。

请务必阅读并遵守本设备/系统技术文档中包含的规定和警示，否则禁止安装和运行本设备。

本设备/系统仅允许由专业技术人员安装和调试。

安装

产品可以安装在标准安装导轨(DIN EN 60715-TH35-15/7.5)上或者墙壁上。

安装时应使接线端子朝上。

设备的上方和下方应和其他设备至少保持 20 毫米的间距。

接线

警告

在对设备的何安装或维护作业前，必须首先断开交流供电系统的主开关，并采取适宜措施防止交流供电系统再次通电。违反该规定可能会导致作业人员接触到带电零部件，从而导致严重的人员伤亡。

设备安装同时需遵循本国相关的作业规范。

重要提示：该设备的交流供电必须有一个断路器或动力电路断路器保护。

输入电压(单相交流 100-240 V)的连接必须按照 IEC 60364 和 EN 50178 标准的规定。设备适宜安装在优于污染等级 II 级的环境中。

另见图 2

Description

PS207 power supplies are chassis units, degree of protection IP20, safety class II (without protective grounding wire connector).

Switched-mode power supplies for connection to a 1-phase AC line supply (TN, TT line supply according to VDE 0100 T 300 / IEC 364-3) with rated voltages of 100-240 V, 50/60 Hz; +24 V DC output voltage, isolated, short-circuit and no-load proof.

See also Figure 1

Safety notes

NOTICE

Appropriate transport, proper storage, mounting, and installation, as well as careful operation and service, are essential for the error-free, safe and reliable operation of the device/system.

Setup and operation of this device/system are permitted only if the instructions and warnings of the corresponding documentation are observed.

Only qualified personnel are allowed to install the device/system and set it into operation.

Assembling

The product can be mounted on a standard mounting rail (DIN EN 60715-TH35-15/7.5) or to a wall.

The device must be installed so that the terminals are at the top.

Minimum clearances of 20 mm should be maintained above and below the device.

Connecting

WARNING

Before installation or maintenance work can begin, the system's main switch must be switched off and measures taken to prevent it being switched on again. If this instruction is not observed, touching live parts can result in death or serious injury.

For installation of the devices, the relevant country-specific regulations must be observed.

Important note: A circuit breaker or motor circuit breaker must be provided at the input side.

The supply voltage (1-ph. 100-240 V AC) must be connected in accordance with IEC 60364 and EN 50178. Installation in environments up to degree of pollution II.

See also Figure 2

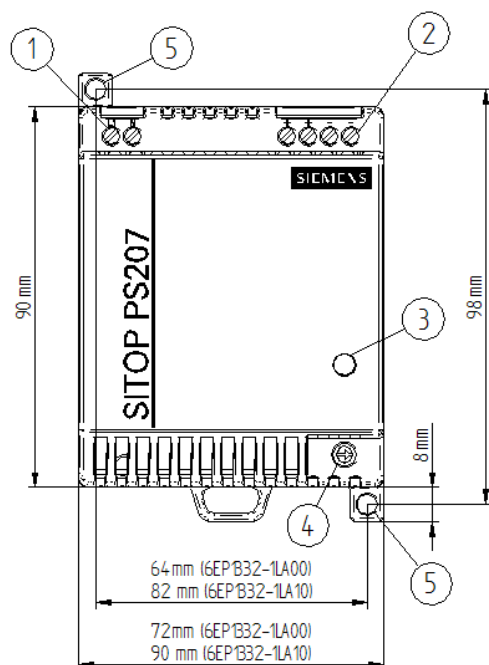


图 3 : 结构(1)
Figure 3: Design (1)

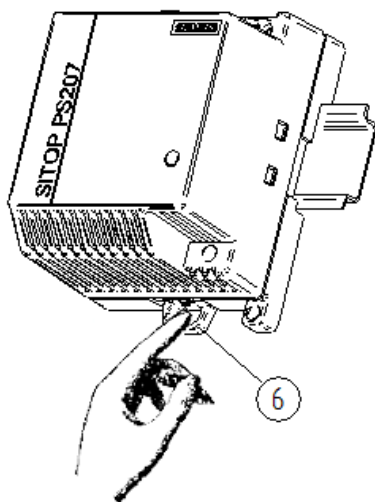


图 4 : 结构(2)
Figure 4: Design (2)

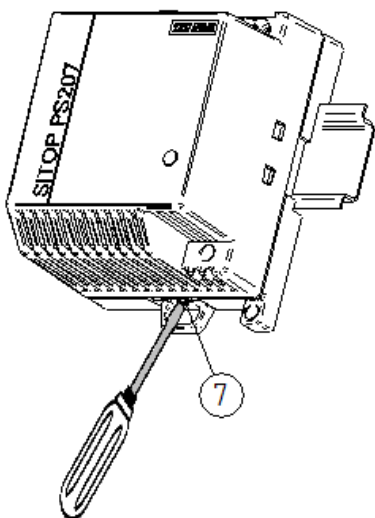


图 5 : 结构(3)
Figure 5: Design (3)

结构

①	交流输入
②	直流输出
③	LED 指示灯
④	电位计
⑤	固定孔，用于通过螺钉进行墙式安装（最大 $\varnothing$ 4.5 mm）
⑥	环扣，用手指松开
⑦	环扣，用螺丝刀松开

另见图 3

另见图 4

另见图 5

运行模式

信号指示
绿色指示灯 LED：输出电压正常

技术数据

6EP1332-1LA00 24 V/2.5 A	6EP1332-1LA10 24 V/4.0 A
输入参数值	
额定输入电压 U_{in} 额定输入：单相交流 100-240 V, 50/60 Hz	
工作电压： 单相交流 85-264 V；直流 110-300 V	
额定输入电流 I_{in} 额定输入：	
1.22-0.66 A	1.95-0.97 A
推荐的断路器： C 特性：容量应大于 10 A B 特性：容量应大于 16 A	
满载时的功率消耗（有功功率）	
69 W	110 W
输出侧参数值	
额定输出电压 U_{out} 额定输出 = 24 V	
调节范围：22.2-26.4 V，通过设备正面的电位计调节	
额定输出电流 I_{out} 额定输出：	
2.5 A	4.0 A
开通时的功率裕量：50%，典型持续时间为 200 毫秒	
环境条件	
运行温度： -20 ... +70 °C； 温度高于 +55 °C 时降容系数为 2%/°C	
污染级别 2	
自然对流	
保护功能	
短路时输出电流呈恒流特性	
净重	
0.25 公斤	0.34 公斤
尺寸	
长 x 宽 x 高 (毫米):	
90×72×58	90×90×58

服务与支持

http://www.4008104288.com.cn
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Structure

①	Line input
②	DC output
③	Pilot lamp
④	Potentiometer
⑤	Fixing hole for wall mounting with screws ($\varnothing$ 4.5 mm maximum)
⑥	Strap that is released using a finger
⑦	Strap that is released using a screwdriver

See also Figure 3

See also Figure 4

See also Figure 5

Operating mode

Signaling
LED green: Output voltage OK

Technical data

6EP1332-1LA00 24 V/2.5 A	6EP1332-1LA10 24 V/4.0 A
Input variables	
Rated input voltage U_{in} rated: 100-240 V 1 AC, 50/60 Hz	
Rated operating voltage: 85-264 V 1 AC; 110-300 V DC	
Rated input current I_{in} rated:	
1.22-0.66 A	1.95-0.97 A
Recommended circuit breaker: characteristic C: from 10 A characteristic B: from 16 A	
Power consumption (active power) full load	
69 W	110 W
Output variables	
Rated output voltage V_{out} rated = 24 V	
Setting range: Set via potentiometer on the device front 22.2-26.4 V	
Rated output current I_{out} rated:	
2.5 A	4.0 A
Power reserve for switching on the power supply: 50% for typ. 200 ms	
Ambient conditions	
Temperature for operation: -20 to +70 °C; derating: from +55 °C: 2%/°C	
Pollution degree 2	
Natural convection	
Protective function	
Constant current characteristic	
Weight	
0.25 kg	0.34 kg
Dimensions	
height×width×depth in mm:	
90×72×58	90×90×58

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