



图像类似
Figure similar

订货号 : 6SL3210-1PE22-7UL0
Article No. :

客户订单号 :
Client order no. :
订单号 :
Order no. :
报价号 :
Offer no. :
注释 :
Remarks :

物品号 :
Item no. :
托运号 :
Consignment no. :
项目 :
Project :

额定数据 Rated data

输入 Input

| | |
|---------------------------------|--------------------------|
| 相位数 Number of phases | 3 AC |
| 电源电压 Line voltage | 380 ... 480 V \pm 10 % |
| 电源频率 Line frequency | 47 ... 63 Hz |
| 额定电流 (LO) Rated current (LO) | 32.60 A |
| 额定电流 (HO) Rated current (HO) | 27.00 A |

输出 Output

| | | |
|---|--------------|------------------------|
| 相位数 Number of phases | 3 AC | |
| 额定电压 Rated voltage | 400V IEC | 480V NEC ¹⁾ |
| 额定功率 (LO) Rated power (LO) | 11.00 kW | 15.00 hp |
| 额定功率 (HO) Rated power (HO) | 7.50 kW | 10.00 hp |
| 额定电流 (LO) Rated current (LO) | 26.00 A | |
| 额定电流 (HO) Rated current (HO) | 18.00 A | |
| 最大输出电流 Max. output current | 39.00 A | |
| 脉冲频率 Pulse frequency | 4 kHz | |
| 矢量控制时的输出频率 Output frequency for vector control | 0 ... 200 Hz | |
| V/f控制时的输出频率 Output frequency for V/f control | 0 ... 550 Hz | |

过载能力 Overload capability

| | |
|--------------------------------|---|
| 低过载 (LO) Low Overload (LO) | 在一个 300 秒循环时间内 57 秒的 1.1 \times 额定输出电流 (即 110% 过载), 在一个 300 秒循环时间内 3 秒的 1.5 \times 额定输出电流 (即 150% 过载) 1.1 \times rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 \times rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s |
| 高过载 (HO) High Overload (HO) | 一个 300 秒的循环时间有 57 秒的 1.5 \times 额定输出电流 (即 150 % 过载), 在一个 300 秒的循环时间中有 3 秒的 2 \times 额定输出电流 (即 200 % 过载) 1.5 \times output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 \times output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s |

通用技术参数 General tech. specifications

| | |
|--|---------|
| 功率系数 λ Power factor λ | 0.85 |
| 偏移角 $\cos \varphi$ Offset factor $\cos \varphi$ | 0.95 |
| 效率 η Efficiency η | 0.97 |
| 声压级 LpA(1m) Sound pressure level (1m) | 72 dB |
| 损耗功率 Power loss | 0.30 kW |
| 滤波器等级 (集成式) Filter class (integrated) | - |

SINAMICS 数据表 功率模块 PM240-2

Data sheet for SINAMICS Power module PM240-2

订货号 : **6SL3210-1PE22-7UL0**
Article No. :

环境条件 Ambient conditions

| | |
|-----------------------------------|--|
| 冷却 Cooling | 内部风冷 Internal air cooling |
| 冷却空气需求 Cooling air requirement | 0.018 m³/s (0.653 ft³/s) |
| 安装高度 Installation altitude | 1,000 米 (3,280.84 ft) |
| 环境温度 Ambient temperature | |
| 运行 LO Operation LO | -10 ... 40 °C (14 ... 104 °F) |
| 运行 HO Operation HO | -10 ... 50 °C (14 ... 122 °F) |
| 运输 Transport | -25 ... 55 °C (-13 ... 131 °F) |
| 存放温度 Storage | -25 ... 55 °C (-13 ... 131 °F) |
| 相对空气湿度 Relative humidity | |
| 运行, 最大 Max. operation | 95 % RH, 禁止凝露 95 % RH, condensation not permitted |

接口 Connections

电源侧 Line side

| | |
|----------------------------------|--|
| 规格 Version | 插接式螺钉型端子 Plug-in screw terminals |
| 接口横截面 Conductor cross-section | 6.00 ... 16.00 mm² (AWG 10 ... AWG 6) |

电机侧 Motor end

| | |
|----------------------------------|--|
| 规格 Version | 插接式螺钉型端子 Plug-in screw terminals |
| 接口横截面 Conductor cross-section | 6.00 ... 16.00 mm² (AWG 10 ... AWG 6) |

最大电机电缆长度 Max. motor cable length

| | |
|-------------------|-------------------|
| 屏蔽 Shielded | 50 米 (164.04 ft) |
| 非屏蔽 Unshielded | 100 米 (328.08 ft) |

机械数据 Mechanical data

| | |
|------------------------------|--------------------------------------|
| 防护等级 Degree of protection | IP20 / UL 开放式 IP20 / UL open type |
| 外形尺寸 Frame size | F5C |
| 净重 Net weight | 4.70 kg (10.36 lb) |
| 外形尺寸 Dimensions | |
| 宽度 Width | 140 mm (5.51 in) |
| 高度 Height | 355 mm (13.98 in) |
| 深度 Depth | 165 mm (6.50 in) |

标准 Standards

| | |
|-----------------------------------|--|
| 符合标准 Compliance with standards | UL, cUL, CE, C-Tick (RCM), SEMI F47 UL, cUL, CE, C-Tick (RCM), SEMI F47 |
| CE 标志 CE marking | 低压准则 2006/95/EC Low-voltage directive 2006/95/EC |

SINAMICS 数据表 功率模块 PM240-2

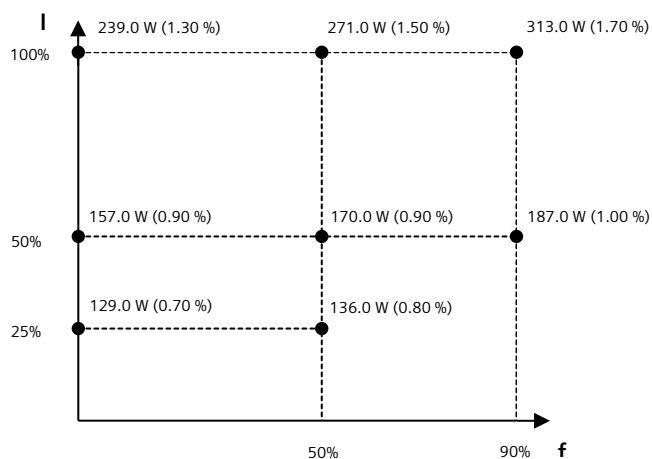
Data sheet for SINAMICS Power module PM240-2

订货号: 6SL3210-1PE22-7UL0
Article No. :

符合IEC61800-9-2的变频器损耗*
Converter losses to IEC61800-9-2*

效率等级 IE2
Efficiency class

对比参考变频器 (90% / 100%)
Comparison with the reference converter (90% / 100%) 33.60 %



百分比值给出了以变频器额定视在功率为基准的损耗。
The percentage values show the losses in relation to the rated apparent power of the converter.

该图显示了相对转矩电流 (I) 超过相对电机定子频率 (f) 时间点 (根据标准 IEC61800-9-2) 上的损耗。这些值适用于不带选件/附件的基本型变频器。
The diagram shows the losses for the points (as per standard IEC61800-9-2) of the relative torque generating current (I) over the relative motor stator frequency (f). The values are valid for the basic version of the converter without options/components.

*计算值
*calculated values

¹⁾ 输出电流和功率数据适用于电压范围 440 V 到 480 V
The output current and HP ratings are valid for the voltage range 440V-480V