

武汉西门子一级代理商通讯电缆供应商

产品名称	武汉西门子一级代理商通讯电缆供应商
公司名称	浔之漫智控技术（上海）有限公司总部
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规格参数	品牌:西门子 货期:现货 产地:德国
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产品详情

武汉西门子一级代理商通讯电缆供应商

Power Output Module (POM)

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设计

Module (encapsulated) in a metal enclosure.

There are 6 versions:

POM4320 busbar mounting (IEC): a current of up to 16 A can be used per output

POM4320 busbar mounting (UL): a current of up to 15 A can be used per output

POM4320 rear panel mounting (IEC): a current of up to 16 A can be used per output

POM4320 rear panel mounting (UL): a current of up to 15 A can be used per output

POM4320 Highend busbar mounting: a current of up to 60 A can be used per output

POM4320 Highend rear panel mounting: a current of up to 60 A can be used per output

Heat dissipation by fan fitted to top of module.

Internal serial interface.

Three diagnostics LEDs for displaying module faults.

POM4320: 9 diagnostics LEDs for displaying output errors.

POM4320 Highend: 6 diagnostics LEDs for displaying output errors.

功能Protector elements

Power triacs:

Protection of triacs and opto-triacs against overvoltages by Transil diodes

Transfer of the diagnostics information to the higher-level control system

Control modes

Half-wave control: This is the control method used in normal operation. At every zero crossover, the output is controlled depending on the parameterized setpoint value. The control variable is set to values between 0 and .

Soft start: Phase control is executed for a limited time in order to achieve a gradual warming of the emitters. Switches to half-wave control when the time has expired. The control variable is set to values between 0 and .

Phase control: Phase control is executed permanently in order to achieve even heat dissipation and avoid disruptive emitter flickering with low setpoints. Phase control can sometimes cause EMC interference on the power supply lines which then has to be filtered on the system side.

POM4320 output rating:

9 power outputs of 400 V/480 V each (3 outputs per phase)

Switching capacity per output:

POM4320 IEC busbar mounting and rear panel mounting: max. 6 400 W at 400 V or 7 680 W at 480 V

POM4320 UL busbar mounting and rear panel mounting: max. 6 000 W at 400 V or 7 200 W at 480 V

Switching capacity per POM:

POM4320 IEC busbar mounting and rear panel mounting: max. 57 600 W at 400 V or 69 120 W at 480 V

POM4320 UL busbar mounting and rear panel mounting: max. 54 000 W at 400 V or 64 800 W at 480 V

Notice: Short-wave halogen or infrared emitters, so-called flash emitters, often have a high switch-on current due to their relatively low cold resistance. This switch-on current can be a multiple of the rated current especially during the initial half-wave. This can lead to the fuse being triggered. There is a switching power limit of 4 000 W when using flash emitters.

POM4320 Highend output rating:

6 power outputs of 230 V/277 V and 400 V/480 V each (2 outputs per phase)

POM4320 Highend busbar mounting and rear panel mounting:- max. 7360 W at 230 V or 8864 W at 277 V- max. 12 800 W at 400 V or 15 360 W at 480 V

Switching capacity per POM:- max. 44 160 W 230 V or 53 184 W at 277 V- max. 76 800 W at 400 V or 92 160 W at 480 V

3 power outputs with 2 outputs in parallel connection (each 1 outlet per phase)

POM4320 Highend busbar mounting and rear panel mounting:- max. 13 800 W at 230 V or 16 620 W at 277 V- max. 24 000 W at 400 V or 28 800 W at 480 V

Switching capacity per POM:- max. 44 160 W 230 V or 53 184 W at 277 V- max. 76 800 W at 400 V or 92 100 W at 480 V

Notice: Short-wave halogen or infrared emitters, so-called flash emitters, often have a high switch-on current due to their relatively low cold resistance. This switch-on current can be a multiple of the rated current especially during the initial half-wave. This can lead to the fuse being triggered. There is a limit to a switching capacity of 6000 W when using flash emitters at 400 V.

Ventilation

A fan for heat dissipation is mounted on the top. The fan is replaceable.

Temperature monitoring

There is an NTC thermistor in the device for monitoring the internal temperature. This temperature-dependent resistor switches off the module power outputs when a certain internal temperature is reached.

Fuses

POM4320 IEC busbar mounting and rear panel mounting: Two 16 A fuses are available for each power output in a fuse module that can be accessed from the front to protect the power triacs.

POM4320 UL busbar mounting and rear panel mounting: Two 15 A fuses are available for each power output in a fuse module that can be accessed from the front to protect the power triacs.

POM4320 Highend busbar mounting and rear panel mounting: One 32 A fuse is available for each power output in a fuse module that can be accessed from the front to protect the power triacs. Depending on the interconnection of the individual heating elements, the return line of the heating element can optionally be plugged into the available fuse holders of the fuse module.

Diagnostics options

Diagnostics functions are provided to detect the following faults as standard:

Implicit diagnostics means that the heating power is not influenced by the diagnostics themselves

Outgoing fuse is defective / triac at high resistance (exception: setpoint value 0%)

Incoming line fuse is defective

Triac has failed (exception: setpoint value)

Connecting cable defective (short-circuit and interruption) or load is defective (short-circuit and interruption)

Monitoring of supply voltage

Additionally for POM4320 Highend:Connecting cable defective (short-circuit and interruption) or load is defective (short-circuit and interruption) with emitters connected in parallel and residual current too high.

Line voltage compensation

Internal compensation is carried out to compensate line voltage fluctuations

The function runs on the HCS master; it can be switched on and off by the user

The measured voltage values from each POM are available to the HCS master

6ES73121AE140AB0

SIMATIC S7-300, CPU 312 带有MPI接口,集成24 V DC 电源,32 K 工作存储区,必须有

6ES73125BF040AB0

SIMATIC S7-300, CPU 312C,

紧凑型CPU带有MPI,10数字量输入/6数字量输出,2个高速计数器 (10KHZ),集成
KB工作存储区,前连接器 (1X 40 针) 需要MMC卡

6ES73135BG040AB0

SIMATIC S7-300, CPU 313C,紧凑型CPU带有MPI,24数字量输入/16数字量输出,4模
2模拟量输出 1 PT100,3个高速计数器 (30 KHZ),集成24 V DC 电源,128 KB工作存
40 针) 需要MMC卡

5SL4414-8CC

5SL4 4P D0.3

5SL4405-8CC

5SL4 4P D0.5

5SL4401-8CC

5SL4 4P D1

5SL4415-8CC

5SL4 4P D1.6

5SL4402-8CC

5SL4 4P D2

5SL4403-8CC

5SL4 4P D3

5SL4404-8CC

5SL4 4P D4

5SL4406-8CC

5SL4 4P D6

5SL4408-8CC

5SL4 4P D8

5SL4410-8CC

5SL4 4P D10

5SL4413-8CC

5SL4 4P D13

5SL4416-8CC

5SL4 4P D16

5SL4420-8CC

5SL4 4P D20

5SL4425-8CC	5SL4 4P D25
5SL4432-8CC	5SL4 4P D32
5SL4440-8CC	5SL4 4P D40
5SL4450-8CC	5SL4 4P D50
5SL4463-8CC	5SL4 4P D63

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