

不遵循上述说明将导致人员伤亡。

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不遵循上述说明可能导致人员伤亡或设备损坏。

不遵循上述说明可能导致人身伤害或设备损坏。

不遵循上述说明可能导致人身伤害或设备损坏。



Reference 型号 ABLS1A	Output current 输入电流	Output voltage 输出电压	Input voltage 输入电压
12060E	6.3 A	12 Vdc	100...240 Vac TN/TT/IT
12100E	10 A		
24030E	3.2 A	24 Vdc	
24050E	5 A		
24100E	10 A		
24200E	20 A		
48100E	10 A	48 Vdc	

Reference 型号 ABLS1A	Minimum operating temperature for cables 电缆的最低 工作温度
12060E	75°C (167°F)
12100E	80°C (176°F)
24030E	75°C (167°F)
24050E	80°C (176°F)
24100E	85°C (185°F)
24200E	95°C (203°F)
48100E	95°C (203°F)

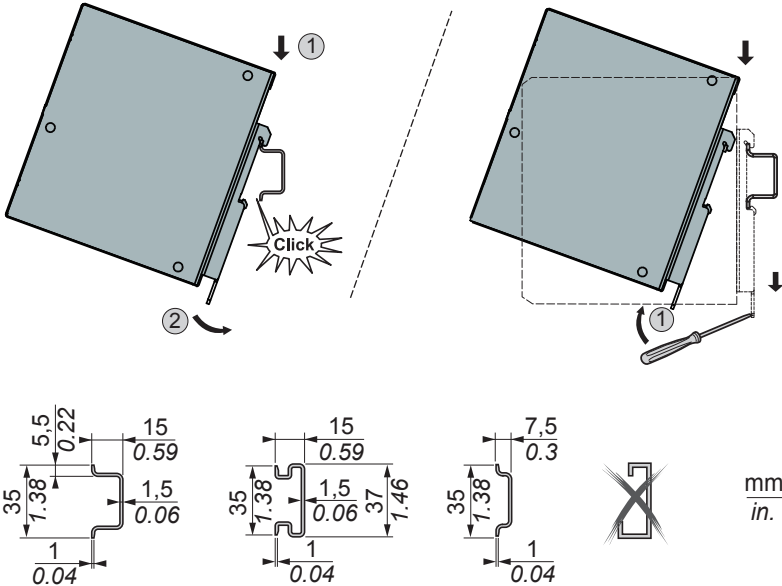


- 1 - Screw terminals for connection of the DC output voltage
2 - Output voltage adjustment potentiometer
3 - Output DC status LED
4 - Screw terminals for connection of the input voltage
5 - Clip-on lock for 35 mm (1.38 in.) top hat section rail (DIN rail)

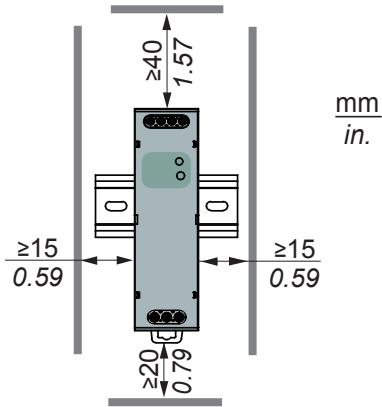
- 1 - 用于连接DC输出电压的螺钉端子
2 - 输出电压调整电位计
3 - 输出直流状态LED
4 - 用于连接输入电压的螺钉端子，(单相L-N，相间L1-L2)
5 - 35-毫米 (1.38 英寸) 顶帽截面导轨 (DIN 导轨) 的钩锁

Mounting-dismounting / 安装-拆卸

ABLS1A●●●●●E

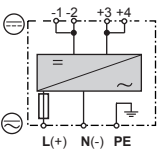


Mounting / 推荐安装方式
ABLS1A●●●●●E



Wiring / 接线
Use copper conductors only. / 仅使用铜导线。

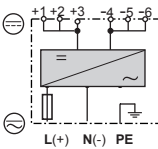
ABLS1A24030E / ABL S1A12060E / ABL S1A24050E / ABL S1A12100E / ABL S1A24100E



 8 0.31 mm in.					
mm ²	0.75...4	0.75...4	0.75...4	0.75...4	0.75...4
AWG	18...12	18...12	18...12	18...12	18...12

		N•m	0.56
		lb-in	5
		Ø 4,5 mm	(0.18 in.)

ABLS1A24200E / ABL S1A48100E



 8 0.31 mm in.					
mm ²	0.75...4	0.75...4	0.75...4	0.75...4	0.75...4
AWG	18...12	18...12	18...12	18...12	18...12

		N•m	0.56
		lb-in	5
		Ø 4,5 mm	(0.18 in.)

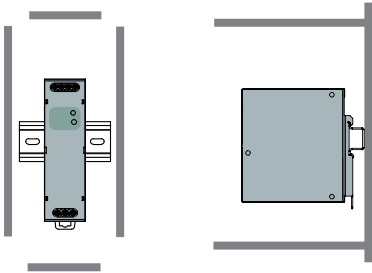
Technical Data / 技术数据

Surrounding air temperature (see derating curves page 7) 环境空气温度 (请参阅第7页降额曲线)	-20 °C ... 70 °C -4 °F ... 158 °F
Installation altitude (see derating curves page 7) Hauteur d'installation (voir courbes de déclassement page 7) 安装海拔高度 (请参阅第7页降额曲线)	≤ 5000 m ≤ 16404 ft
Pollution degree / 污染度	2
Relative humidity at +25 °C, no condensation +25 °C 相對濕度, 无冷凝	20 % ... 95 %
Overvoltage Category / 过电压类别	OVC II
Degree of protection / 保护等级	IP20, IEC 60529

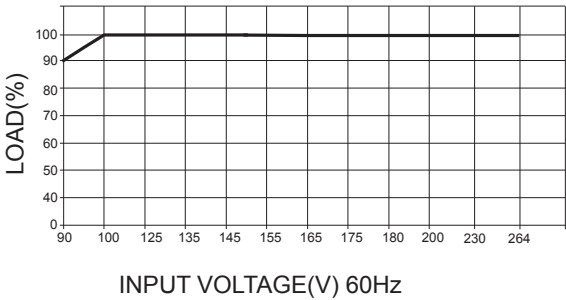
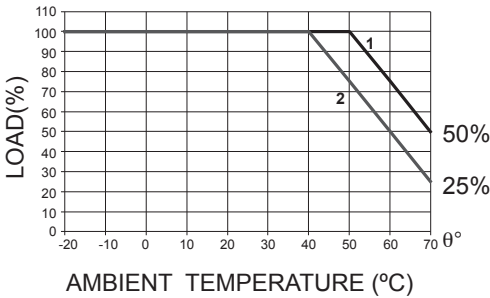
If the equipment is used in an unspecified or unauthorized manner, the protection provided by the equipment may be impaired.
如果以非指定或非经授权的方式使用设备, 则可能会削弱设备提供的保护。

In case of DC supply, the supply must be a secondary circuit that is isolated from mains by an isolating transformer.
如果是直流电源, 则电源必须是通过隔离变压器与主电源隔离的次级电路。

For means of disconnection a switch or circuit breaker, located near the product, must be included in the installation. A marking as disconnecting device for the product is required.
The device has an internal fuse. The unit is tested and approved with branch circuit protective device up to 20 A. This circuit breaker can be used as disconnecting device.
The power supply is only suitable for audio, video, information, communication, industrial and control equipment.
为了实现隔离功能, 必须在系统中安装开关或断路器 (位于本产品旁边)。需要将其标记为本产品的隔离设备。
此隔离设备配有内部熔断器。设备已通过分支电路保护设备 (最大20 A) 的测试和批准。此断路器可用作断开设备。
该电源仅适用于音频、视频、信息、通信、工业和控制设备。



- 1 : ▲ ≤ 2000 m (6561 ft),
2 : ▲ ≤ 5000 m (16404 ft)



θ°: Surrounding air temperature / 环境空气温度。
%: Percentage of the maximum load / 最大负载的百分比。