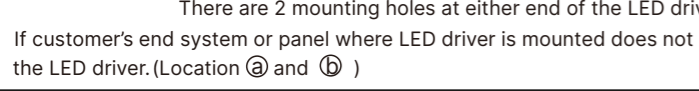


Orientation		Vertical
208V ac	85°C	84°C
480V ac	80°C	77°C
Max Ambient Temperature	50°C	50°C

T case (tc): Temperature hot spot location on case.

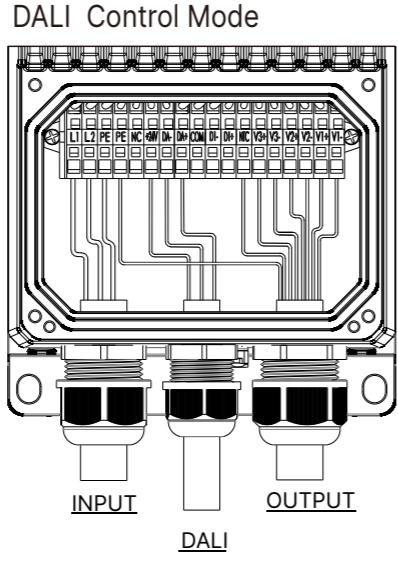
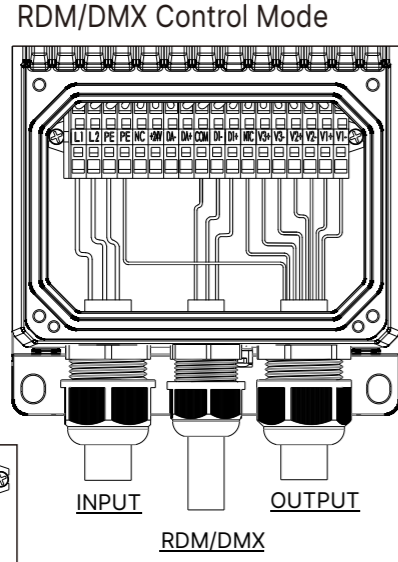


There are 2 mounting holes at either end of the LED driver, Mountings shall be done using M8 screws with minimum length of 12mm, If customer's end system or panel where LED driver is mounted does not have screw threads, please use the suitable metal screws and nuts to secure the LED driver. (Location @ and ①)

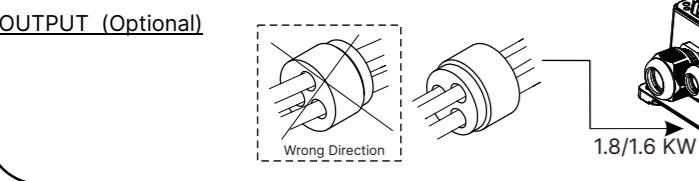
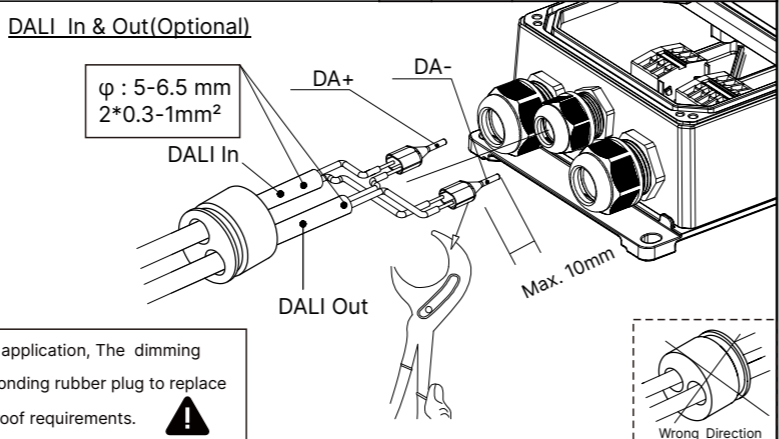
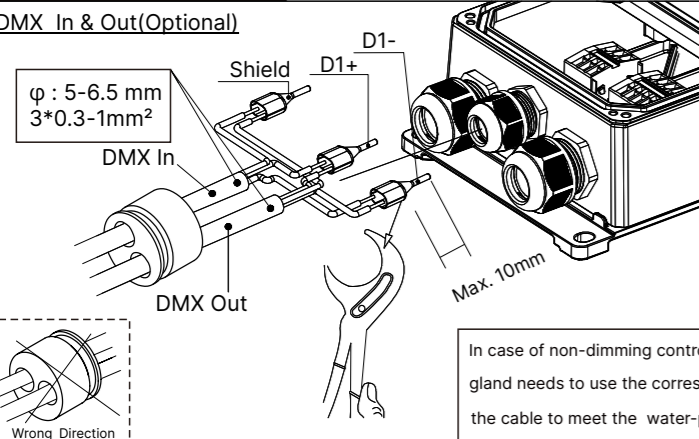
! The wiring should be strictly followed by the marking label instruction, Otherwise the product could be damaged or the functions could be affected.

-Each set of + or - are not potential identical, cross connection is prohibited.

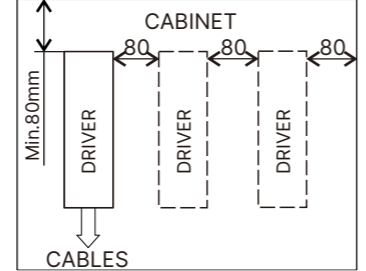
-For connection use wire rated for at least 75°C



NO.	Marker	Description
1	L1	AC input
2	L2	AC input
3	PE	Protective Earth
4	PE	Protective Earth for luminaire
5	NC	Reserved
6	+24V	+24V/3W auxiliary circuit
7	DA-	DALI input - and ground of +24V
8	DA+	DALI input+
9	COM	DMX Common port/Shielding
10	D1-	DMX input-
11	D1+	DMX input+
12	NTC	Luminaire Temperature Detection
13	V3+	Channel 3 output+
14	V3-	Channel 3 output-
15	V2+	Channel 2 output+
16	V2-	Channel 2 output-
17	V1+	Channel 1 output+
18	V1-	Channel 1 output-



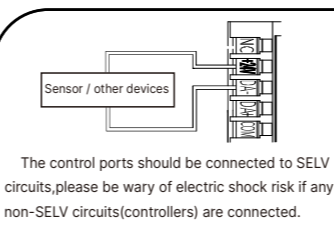
In case of non-dimming control application, The dimming gland needs to use the corresponding rubber plug to replace the cable to meet the water-proof requirements. **!**



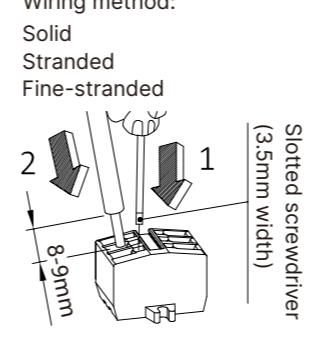
- !** Intended to be connected and grounded only to a fixed supply connection.
- Die-casting Aluminium alloy with coating
 - IP66 IK08 UL, CCC, ENEC, CE, Class I
 - Mass : 5.6kg(1K8/1K6) 5.4kg(1K2)
 - Dimension 500*152*77mm
 - Input 208-480V 50/60Hz λ >0.95
 - Output 3CH 700-2000mA

! Surface ① belongs to the customer's end product where LED driver is mounted, LED driver should be mounted on a sturdy high thermal conductive surface with minimum of 4 mounting holes. For example, metal. If LED driver is forced to be placed on a low thermal conductive surfaces. For example, woods or plastics. To guarantee sufficient convection cooling, please keep a distance of 80mm above and lateral distance to nearby objects.

- ALWAYS switch mains of input power OFF before connecting and disconnecting the input voltage to the LED driver, if mains are not turned OFF, there is a risk of explosion/severe damage.
- To guarantee sufficient convection cooling, keep a distance of 80 mm above and lateral distance to nearby objects, and the installation orientation should follow the left figure.
- The LED driver is forbidden to be installed in areas that are prone to water or snow accumulation to avoid irreparable damage.
- The LED driver is not recommended to be placed on low thermal conductive surfaces. For example, plastics.
- DO NOT insert any objects into the LED driver.
- Note that the enclosure of LED driver can become very hot depending on the surrounding air temperature and output load connected to the LED driver. Risk of burns!
- When the PE (Green/Yellow) wire of LED driver is not connected, LED driver must be installed on a metal plate that has a PE connection.
- The current rating for the all wires, connected to the input and output wires of LED driver, must be rated higher than or equal to the input and output current of the power supply.
- Please ensure the correct tools are used for all adjustments and installations of LED driver. If in doubt, please consult your local Delta support or contact us via info@DeltaPSU.com.



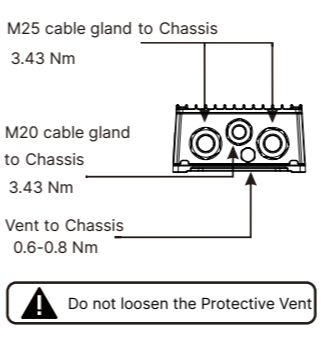
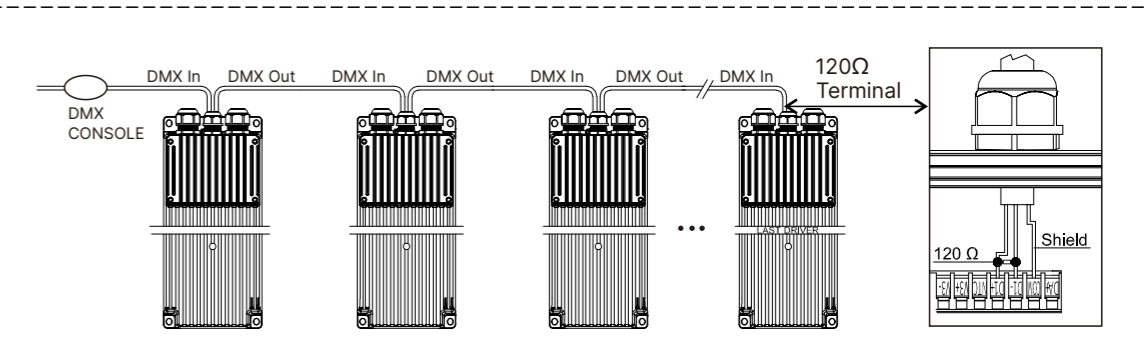
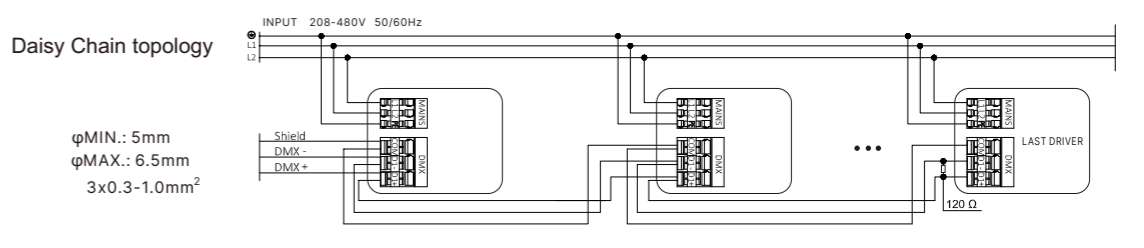
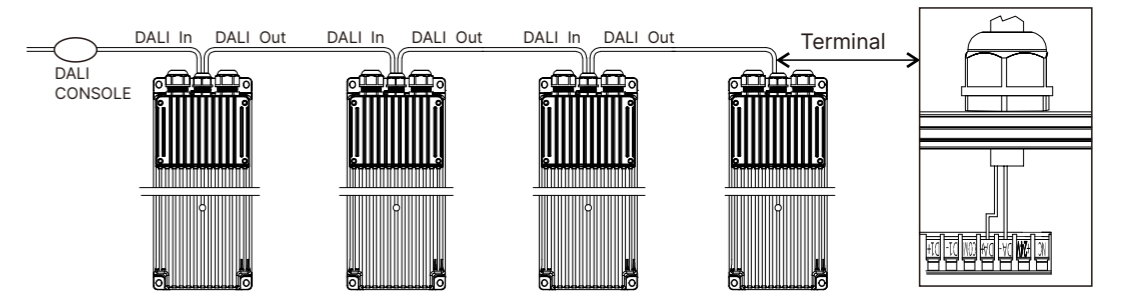
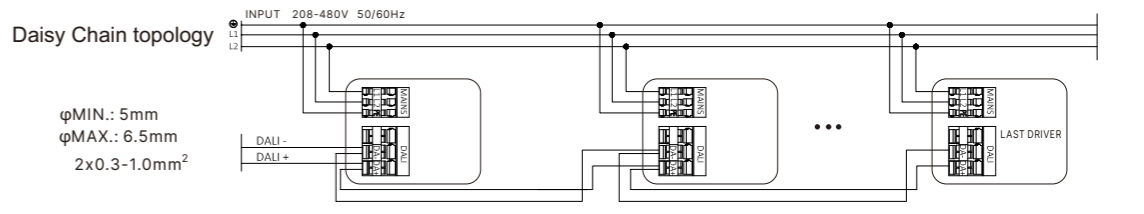
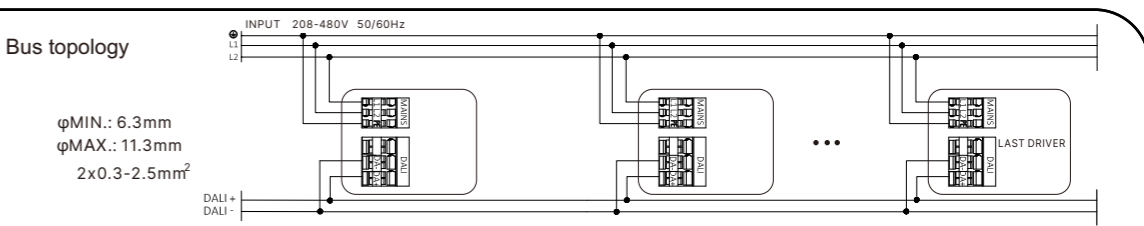
The control ports should be connected to SELV circuits, please be wary of electric shock risk if any non-SELV circuits (controllers) are connected.



Connector:
Cross section: 0.08 - 2.5 mm²
Cross section: 28 - 12 AWG

Points for attention about RDM/DMX version:

- DMX is a three-wire system. Use all three!
- DMX is based on the EIA-485/RS-485 standard
- Always use cable specifically designed for DMX / RS-485 For instance: Belden 9841 or 3105a
- DMX must be terminated with a 120 Ω resistor to prevent reflections.
- A daisy chain topology should be used.
- After 32 unit loads a repeater/booster should be used.
- Keep cabling below 300 metres between the controller and the last driver.

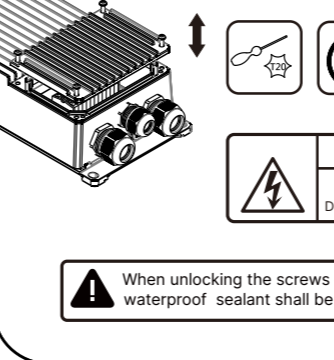


Input : M25 cable gland (Standard)cable : 10-16.3mm(1 hole seal) 1.0-2.5 □ AWG 17-12 5 Nm

Control : M20 cable gland (Standard)cable : default plug 1 Nm

(Optional)cable : 6.3-11.3mm(1 hole seal) (Optional) cable : 5-6.5mm (2 holes seal) 0.3-2.5 □ AWG 22-12 3.5 Nm

Output : M25 cable gland (Standard)cable : 10-16.3mm(1 hole seal) (Optional)cable : 5-6.5mm(2 or 3 holes seal) 0.75-2.5 □ AWG 18-12 5 Nm



Loosening the 8 fastening screws without authorization will result in loss of warranty. **!**

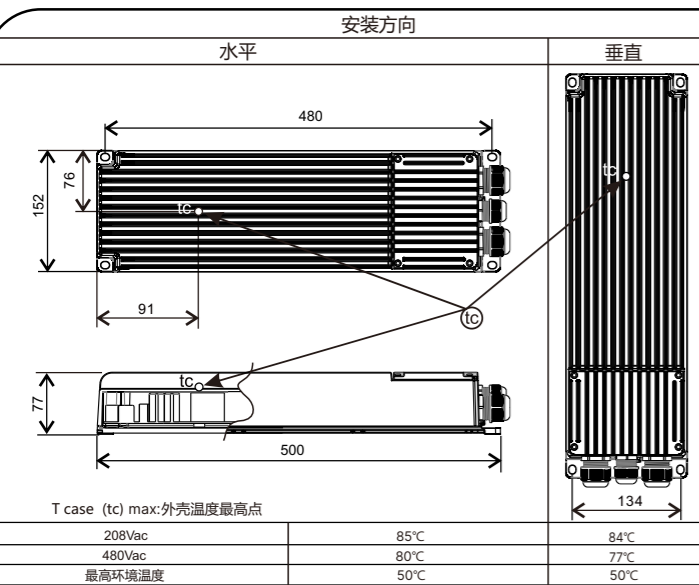
CAUTION
HIGH VOLTAGE
Disconnect all power sources

! When unlocking the screws of the CAP, the white waterproof sealant shall be kept in the groove.

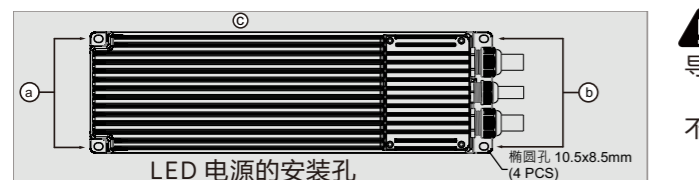
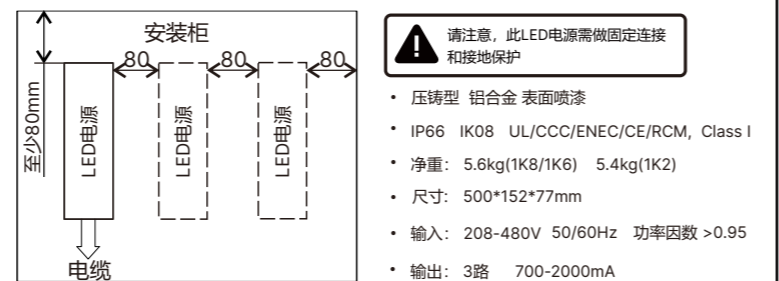
Authorized representative:
Delta Electronics (Netherlands) B.V.
Zandsteen 15, 2132 MZ Hoofddorp, The Netherlands

Application models:
EUCCO-1K8200GCA; LNA-1K8C20ABFGB;
EUCCO-1K6200GCA; LNA-1K6C20ABFGB;
EUCCO-1K2200GCA; LNA-1K2B20ABFGB





- 必须确保此LED电源的外部供电完全切断后再进行接线操作, 否则会导致电源严重损坏甚至有一定的爆炸危险。
- LED电源需要有足够的散热空间, 请确保LED电源与附近物体有至少80mm及以上的距离, 安装布局应遵循下图。
- 禁止将LED电源安装在容易积水或积雪的地方, 以免造成不可修复的损坏。
- 不要将LED电源安装在低导热性的材料表面上, 比如塑料, 木板。
- 避免任何异物进入LED电源。
- 请注意, 工作时LED电源的外壳温度很高, 小心烫伤! 周围的环境温度和连接到LED电源的输出负载等都会影响外壳温度。断电后短时间内外壳温度依然很高, 如需接触外壳请小心。
- LED电源的PE(黄绿)线没有被连接时, 需确保其外壳有可靠的接地连接。
- 连接到本LED电源输入和输出的电线, 其额定电流必须满足LED电源的输入和输出电流规格。
- 请确保使用正确的工具进行LED电源的所有调试和安装。如有任何疑问, 请咨询您当地的台达技术服务人员或通过邮箱info@DeltaPSU.com与我们联系。



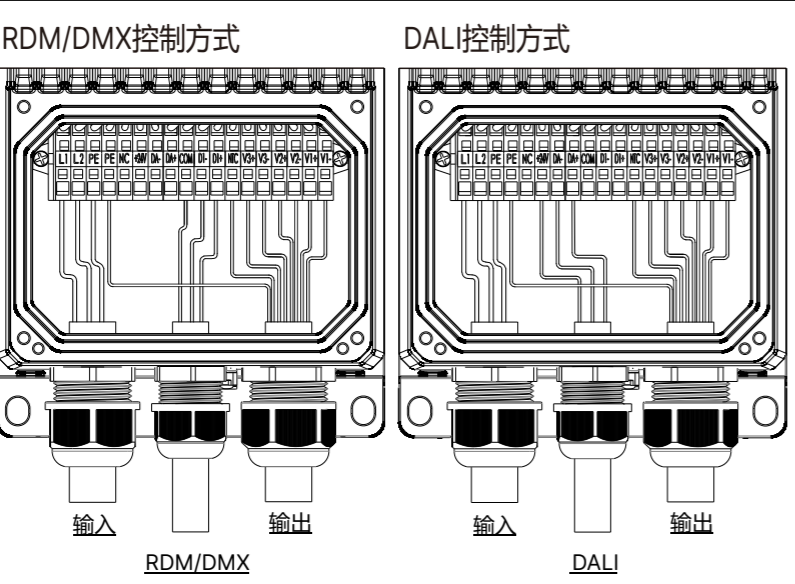
⚠️ ◎面是LED电源的安装平面, LED 电源应牢固安装在诸如金属等高导热性的材料表面, 安装孔不少于4个。
为实现充分的自然冷却散热, 请与附近物体保持80mm以上的距离。不要将LED电源安装在诸如木材或塑料等低热导性的材料表面上。

LED 电源两端各有 2 个椭圆形安装孔, 应使用螺纹长度最小为 12mm 的 M8 螺钉进行安装, 如果客户的终端系统或面板上没有螺纹孔, 请使用合适的金属螺钉和螺母来固定 (位置◎和◎)。

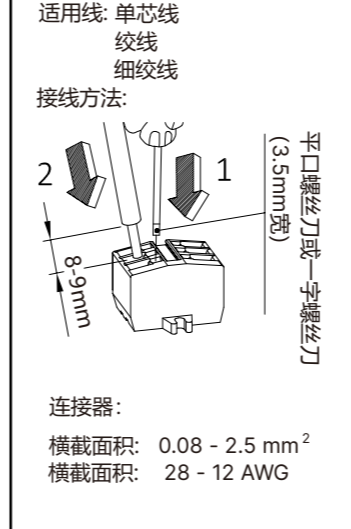
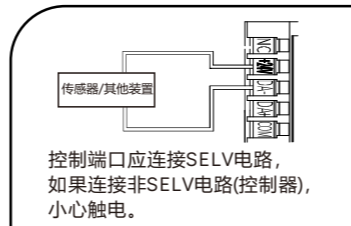
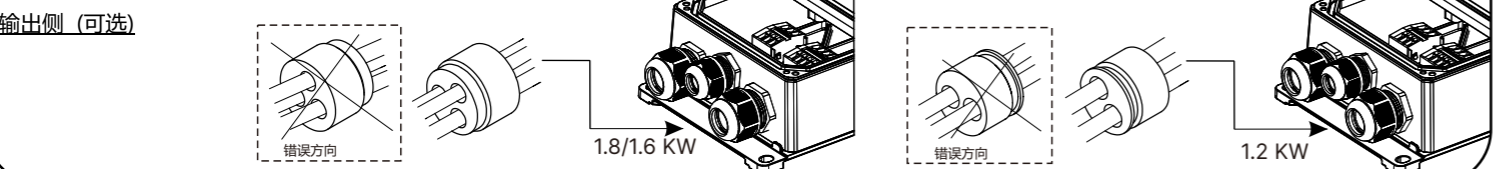
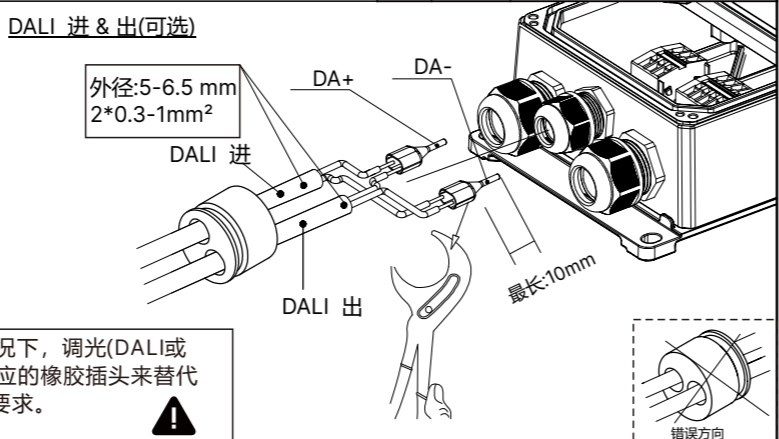
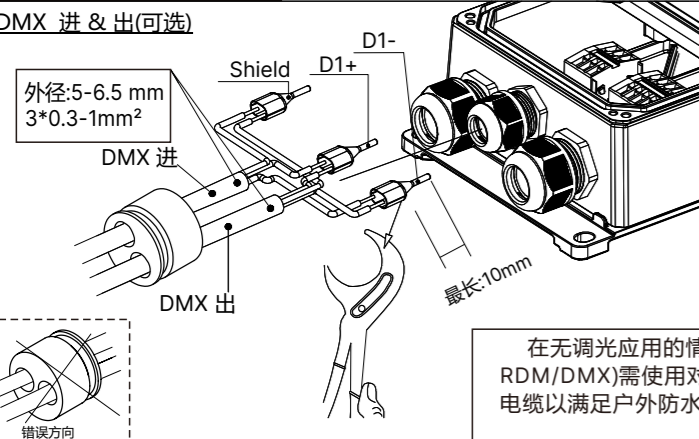
⚠️ 需严格按照标签的标记进行接线否则可能会损坏LED电源或影响其功能

输出V1+/V2+/V3+因为是内部互联, 允许共“输出+”连接, 其他+/-电位禁止互联

连接电线的额定温度至少为75°C



NO.	标记	描述
1	L1	AC 输入
2	L2	AC 输入
3	PE	保护接地
4	PE	灯具保护接地
5	NC	预留
6	+24V	+24V/3W 辅助电源电路
7	DA-	DALI 输入-及“+24V”的参考地
8	DA+	DALI 输入+
9	COM	DMX 公共端/屏蔽层
10	D1-	DMX 输入-
11	D1+	DMX 输入+
12	NTC	灯具OTP保护接线口
13	V3+	通道 3 输出+ (仅供1K8/1K6)
14	V3-	通道 3 输出- (仅供1K8/1K6)
15	V2+	通道 2 输出+
16	V2-	通道 2 输出-
17	V1+	通道 1 输出+
18	V1-	通道 1 输出-



RDM/DMX版本

注意事项:
DMX是一个三线制系统, 三线(包括屏蔽线)都需接入!

DMX是基于EIA-485/RS-485标准

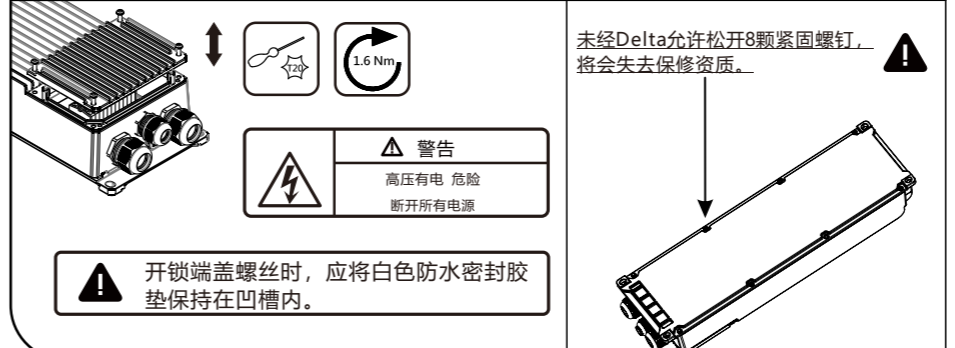
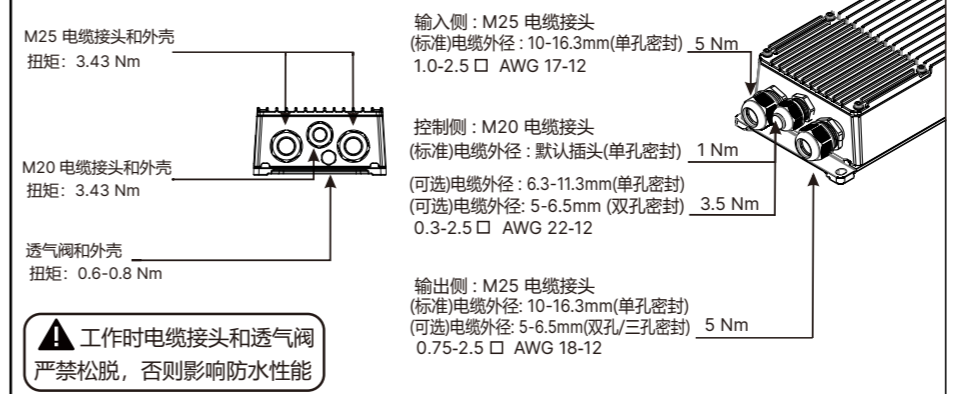
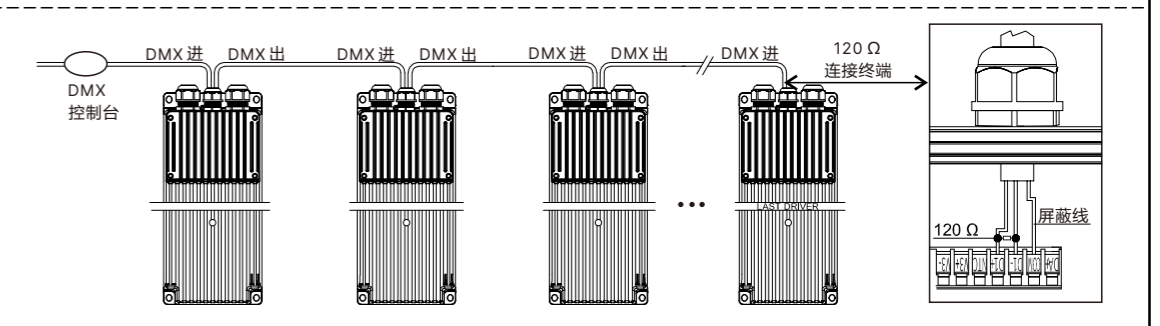
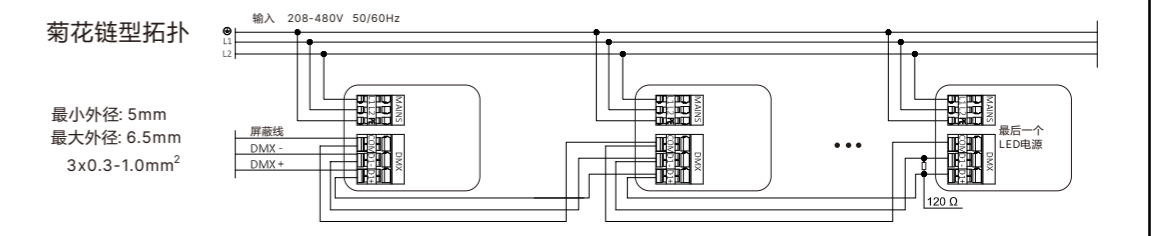
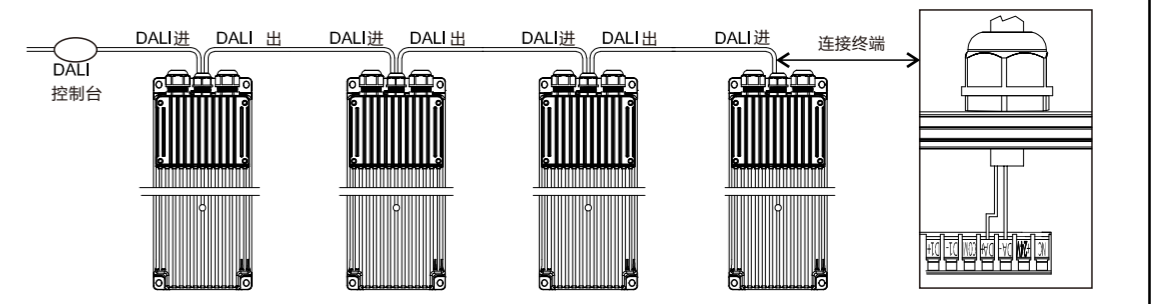
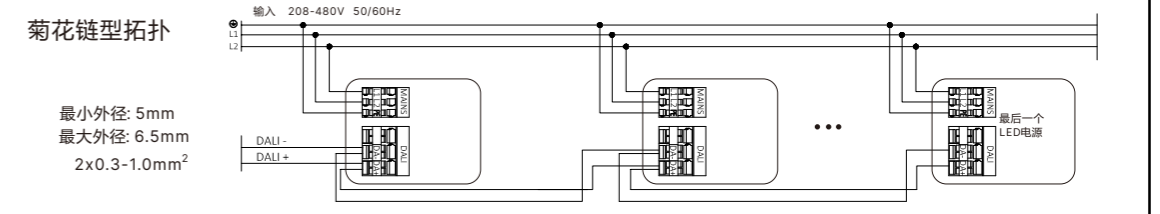
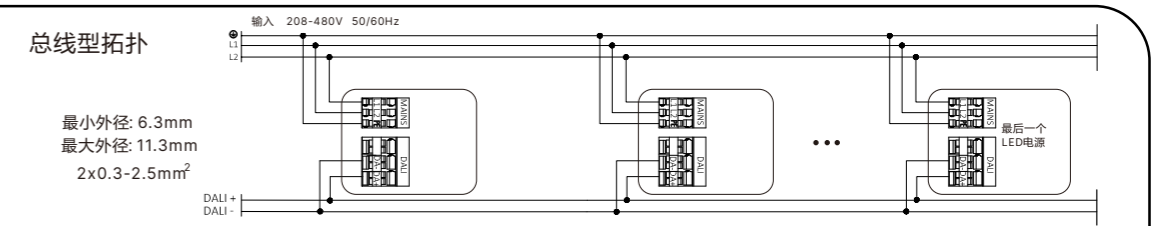
需使用专为DMX / RS-485设计的电缆
例如: Belden 9841或 3105a

DMX 需在终端连接一个120 Ω的电阻器以防止信号反射造成干扰

需使用菊花链型拓扑结构

连接32个单元负载后, 需使用中继设备

控制器和最后一个LED电源之间的电缆距离小于300米



授权代理:
Delta Electronics(Netherlands)B.V.
Zandsteen 15,2132 MZ Hoofddorp, The Netherlands

适用机种:
LNA-1K8C20ABFGB;
LNA-1K6C20ABFGB;
LNA-1K2B20ABFGB

