

SPECIFICATION APPROVAL SHEET

CUSTOMER	客户名称:
CUST P/N	客户料号:
MODEL NO	机型编号: XR001JL-01-03(General purpose 通用)
DESCRIPTION	规格描述: PWM cascaded dimmer 多路 PWM 级连调光器
ITEM NO	生产编号:
FILE NO	文件编号: EN19112503

CUSTOMER DISPOSITION 客户回签:

Prepared by	Checked by	Approved by	

- ☐ APPROVED 合格
☐ CONDITIONAL APPROVED 有条件接收
☐ REJECTED 不合格

Prepared by	Checked by	Q. C	Approved by
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1 Product description 产品描述

This product is a cascaded dimmer for lamps and lanterns, the output is PWM signal, can realize off-line networking, do not need gateway, low-cost easy networking, the product can be used for both main control and sub-control.

本产品是一个用于灯具的级连调光器，输出为 PWM 信号，可以实现离线组网，不需要网关，低成本轻松组网，产品既可以用于主控也可以用于分控。

2 Electrical Requirement 电气特性

2-1 Input Requirement 输入特性

2-1-1 Input Voltage 输入电压

Nomal Voltage: $12V \pm 5\%$

2-1-2 Input Current 输入电流

0.5-1Arms

2-2 Output Requirement 输出特性

输出 PWM 信号

幅值 $10V \pm 5\%$

占空比 0%-100%

Output PWM signal amplitude value $10V \pm 5\%$

duty cycle 0%-100%

2-2-3 Interface definition 接口定义

Interface/接口	MODEL / parameters 型号/参数
Signal input 信号输入	IN RJ-45 8P8C (The definition can be found in the attached diagram 定义见附图)
Signal output 信号输出	OUT RJ-45 8P8C (The definition can be found in the attached diagram 定义见附图)
DCin/Signal outj 电源输入/ 信号输出	3.5mm*3P/5P/7P(According to the number of output signals, see attached figure 根据输出信号路数，见附图)
DC IN 电源输入	DC5.5*2.1 (Only when the power supply is not auxiliary output, the default is no interface) 仅在驱动电源无辅助输出时使用，默认为无此接口)

2-2-4 Standby Power 待机功耗

Standby Power less than 0.1W .

待机功耗小于 0.1W

3 Environmental Requirements 工作环境

3-1 Temperature 温度

Operation : 0℃ to 25℃

Storage: 0℃ to 60℃

3-2 Humidity 湿度

Operation : 20%-85%

Storage: 10%-95%

4 Reliability 可靠性

4-1 Mean Time between Failures (MTBF) 平均无故障时间

The shall be designed and produced to have a mean time Between failures (MTBF) of 20,000 operating hours

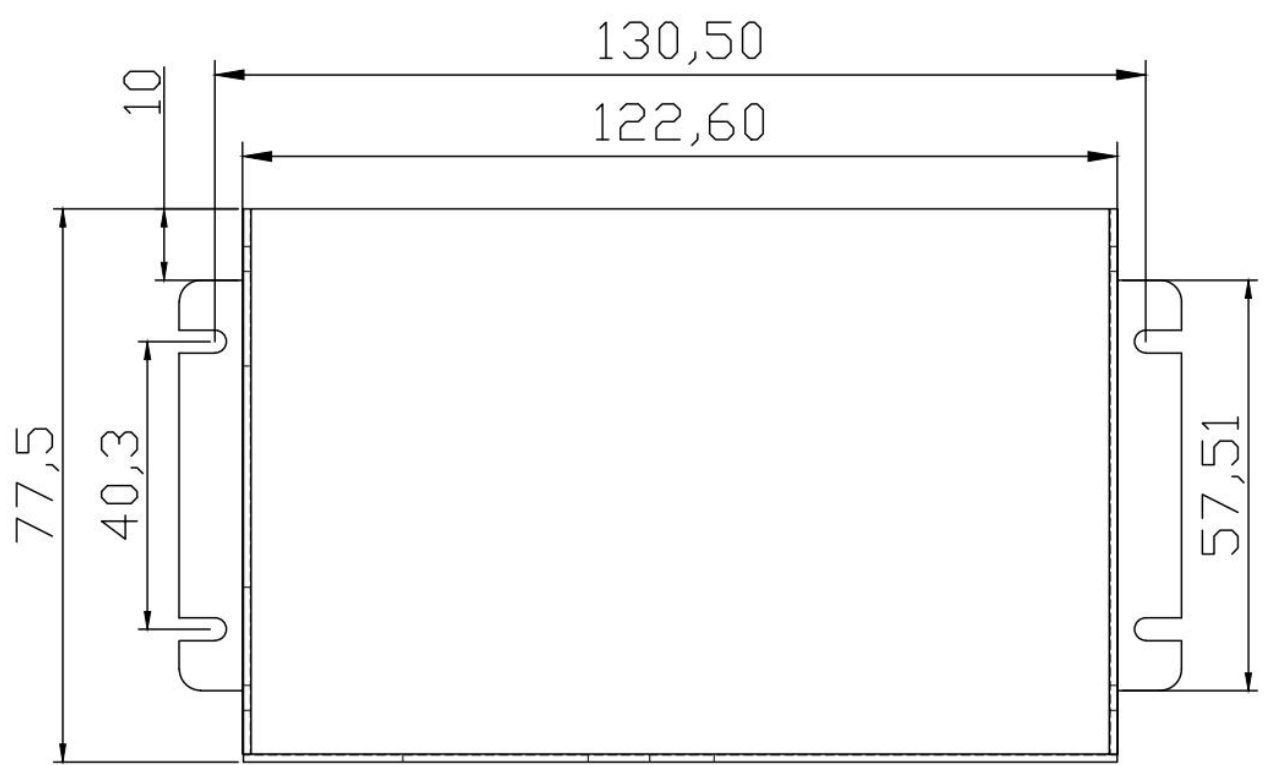
设计,产品必须满足 20000 小时的平均失效时间,

5 EMI for both Conduction & Radiation 传导和辐射

Referring Standards	Specification
FCC	Part 15,Class B
CISPR	Pub 22, Class B

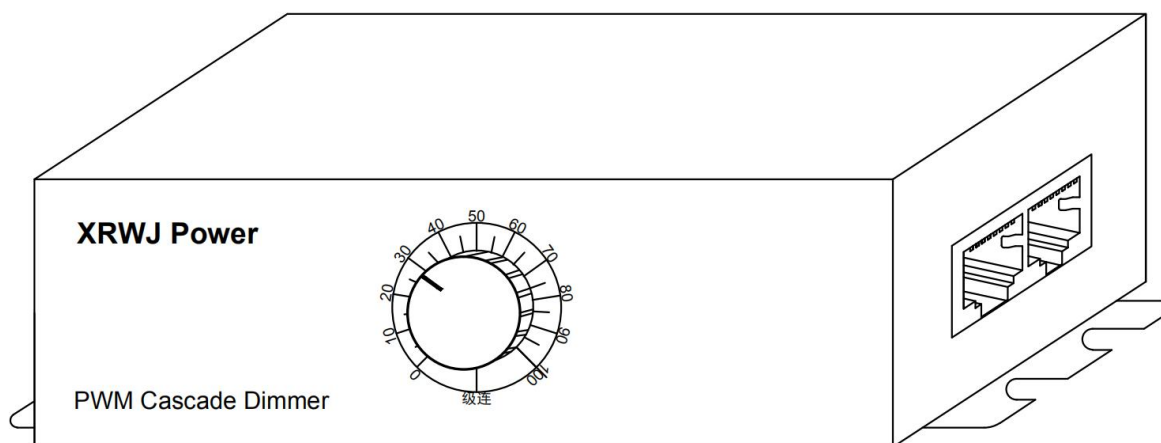
6 Mechanical 机械特性

Annex 1/附件一:



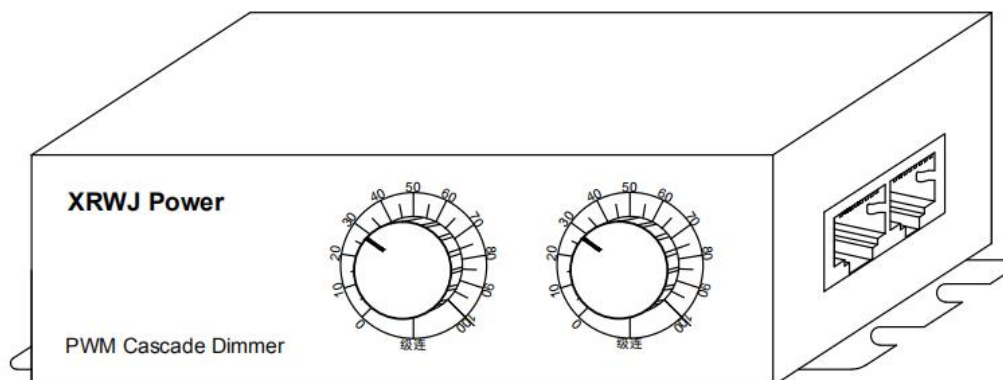
单位mm

Top view

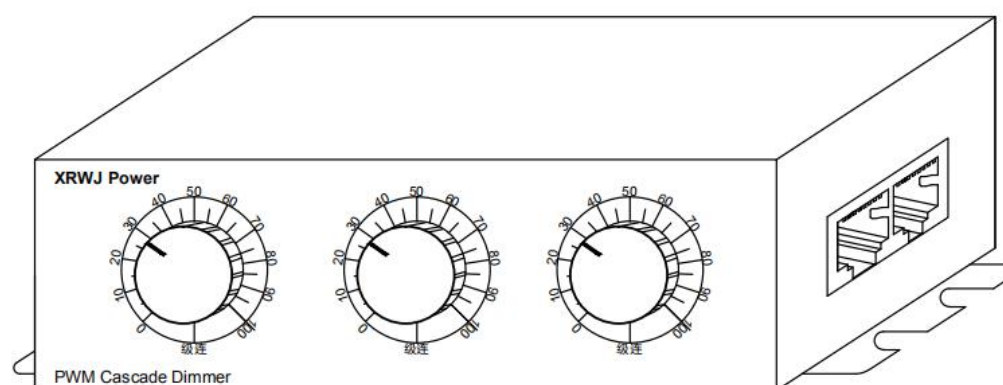


正面视图

Front view

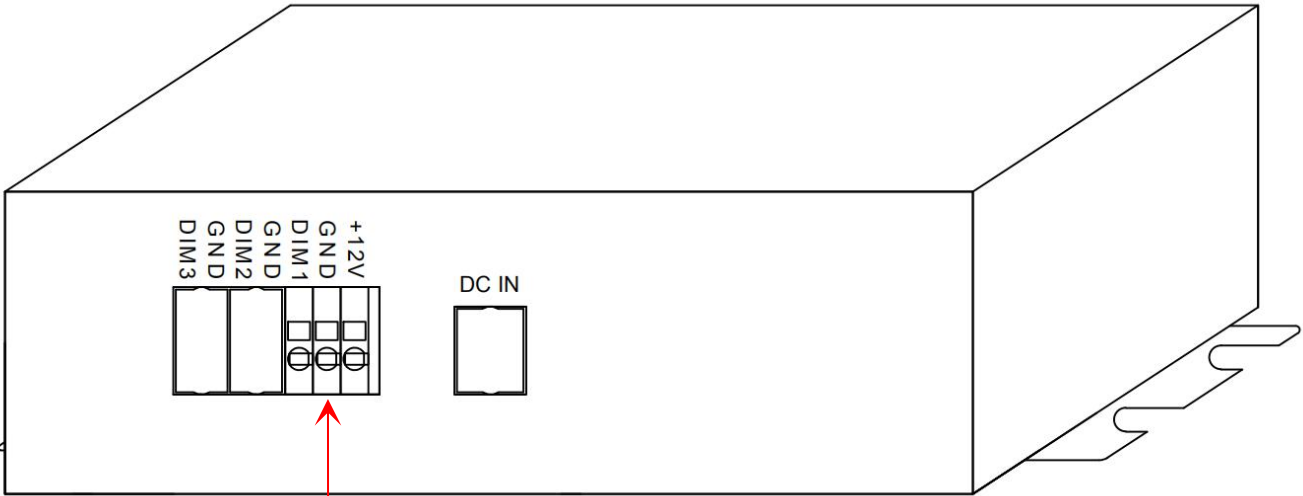


正面视图

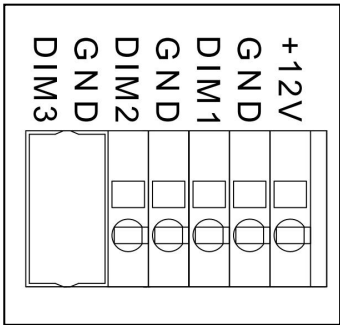


正面视图

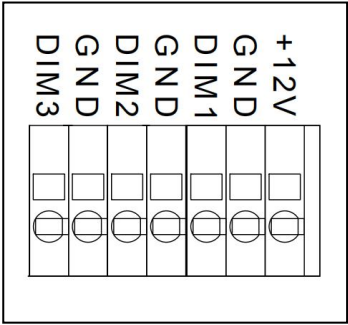
Annex 2/附件二:



Back View



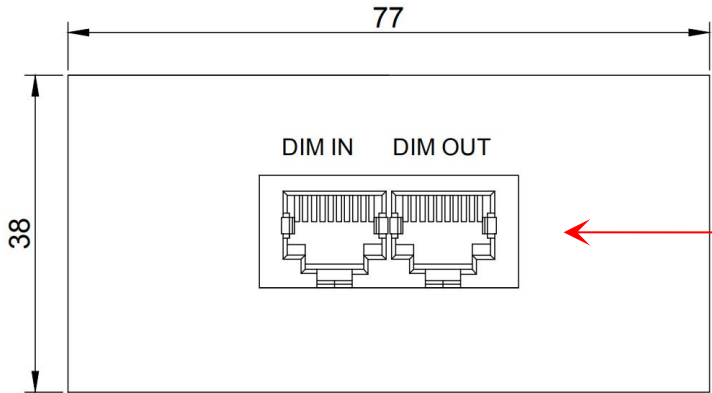
Two- PWM output
2 路 PWM 输出



three- PWM output
3 路 PWM 输出

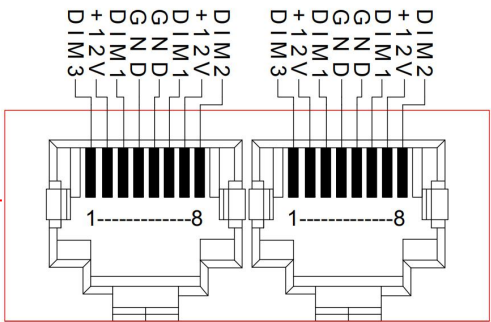
Note: The terminal is shrapnel type. The length of the wire is not less than 7 mm. If you need to take out the wire, please use a sharp object to insert the spring plate horizontally from the upper square hole.

注意：该端子为弹片式，穿入的线材剥皮浸锡长度不小于 7MM，需要取出线材时，请使用尖锐物体从上方方孔水平插入顶起弹片方可取出。



右侧视图

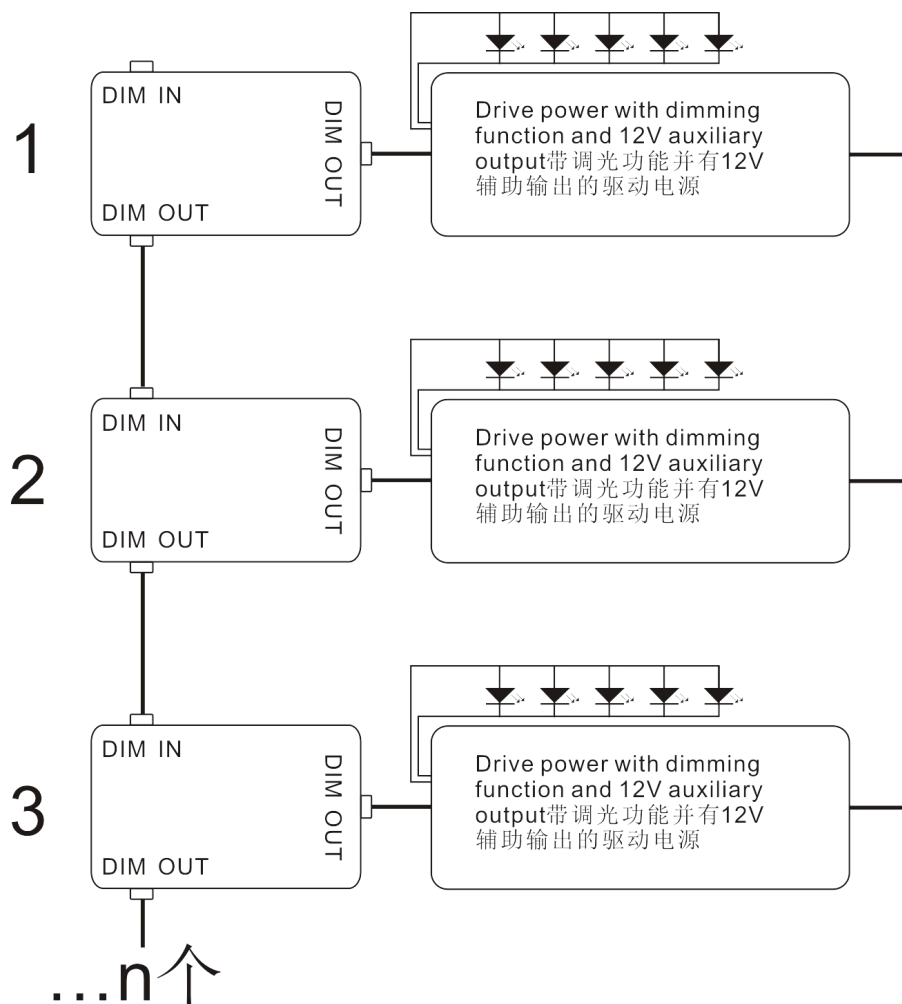
Right view



Annex 3/附件三:

Connection Diagram 连接示意图

Connection # 1 连接方式 1:



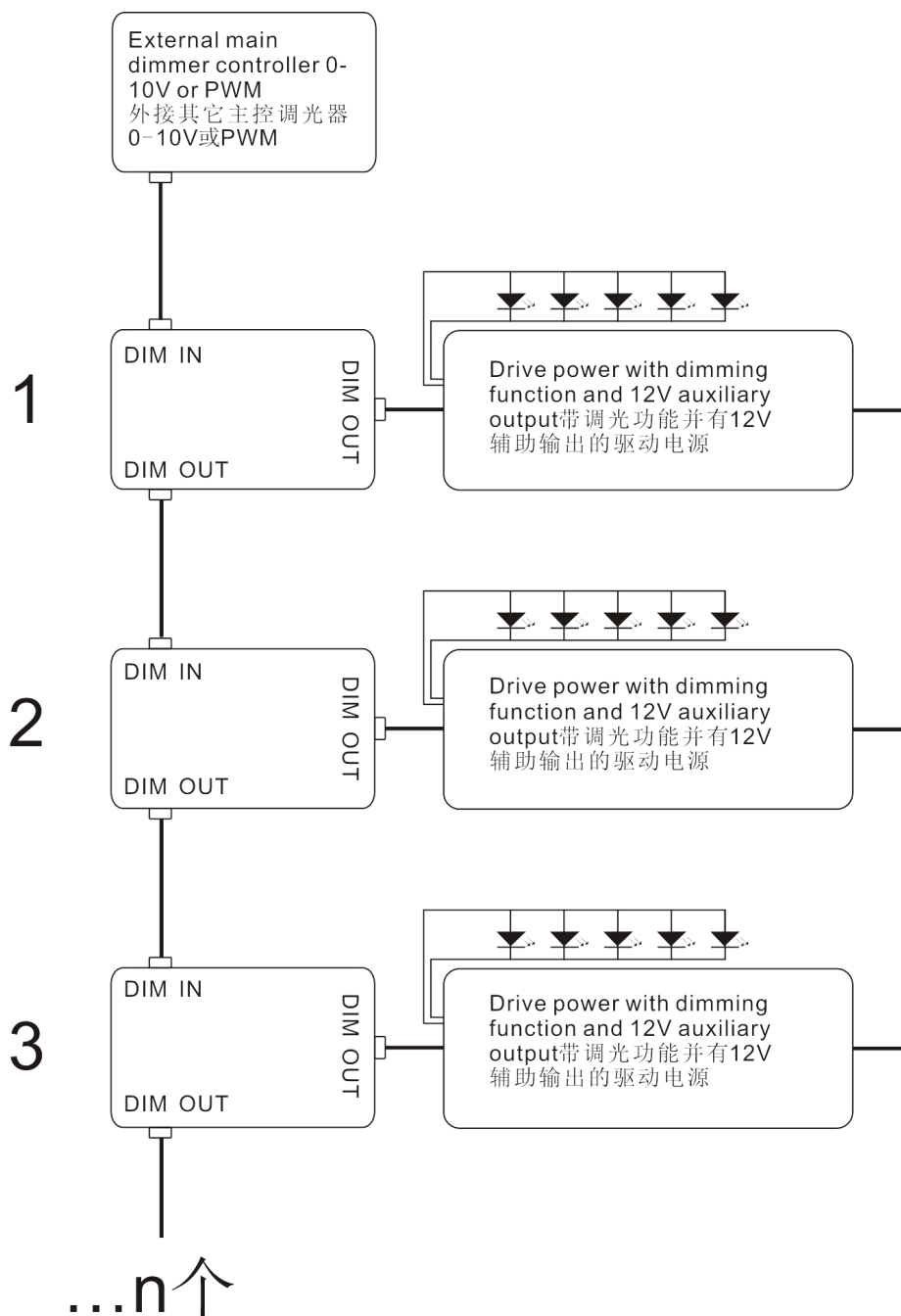
Connection Mode 1:

When the No. 2 dimmer is directly adjusted, all the dimmers connected behind No. 2 dimmer are controlled, and No. 1 dimmers are not controlled at this time

连接方式1:

将本产品旋钮扭到级连位置,由1号调光器控制接到其后面的所有调光器;当直接调节2号调光器时,则控制接到2号调光器后面的所有调光器,此时1号不受控制;

Connection # 2 连接方式 2:



Connection Mode 2:

Connect the knob of this product to the position of the cascade, and connect all the dimmers behind it to the control of the external main dimmer; the regulation of this product is invalid at this time.

连接方式2:

将本产品旋钮调到级连位置，由外接主控调光器控制接到其后面的所有调光器;此时调节本产品无效。

Annex 4/附件四:

Cable line sequence 网线线序

Each product with 8P network line a length standard for 2 meters (customizable) 每个产品配 8P 网线一条，长度标配为 2 米（可定制）

WIRING:

Tia/eia-568B

1-white orange 2-orange 3-white green 4-blue

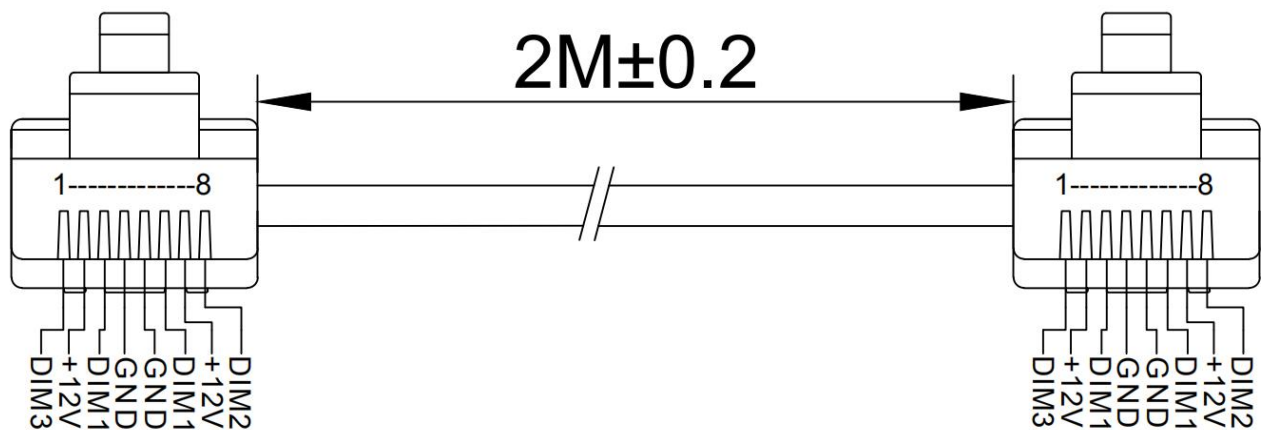
5-white blue 6-green 7-white Brown 8-brown

接线方式:

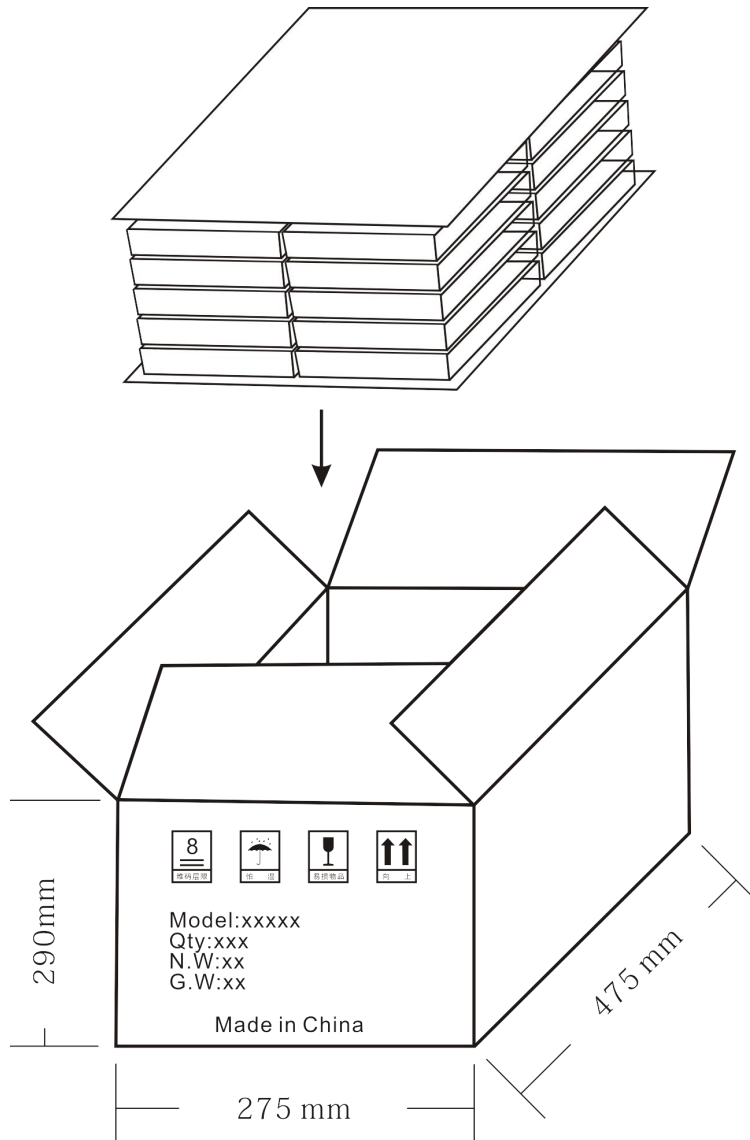
TIA/EIA-568B

1-白橙 2-橙 3-白绿 4-蓝

5-白蓝 6-绿 7-白棕 8-棕



PACKAGING



Inner Single Packing Size: 155 * 155 * 50 Outer Packing Size: 475 * 275 * 290K = k flat card: 46.5 * 26.524 sets per packing size note: The size units in the picture are all MM.

内单个包装尺寸: 155*155*50

外箱: 475*275*290 K=K 平卡: 46.5*26.5 每箱 24 台

注:图中的尺寸单位均为 mm。