产 品 规 格 书

Product Specification

型 号/ Model： ZN899

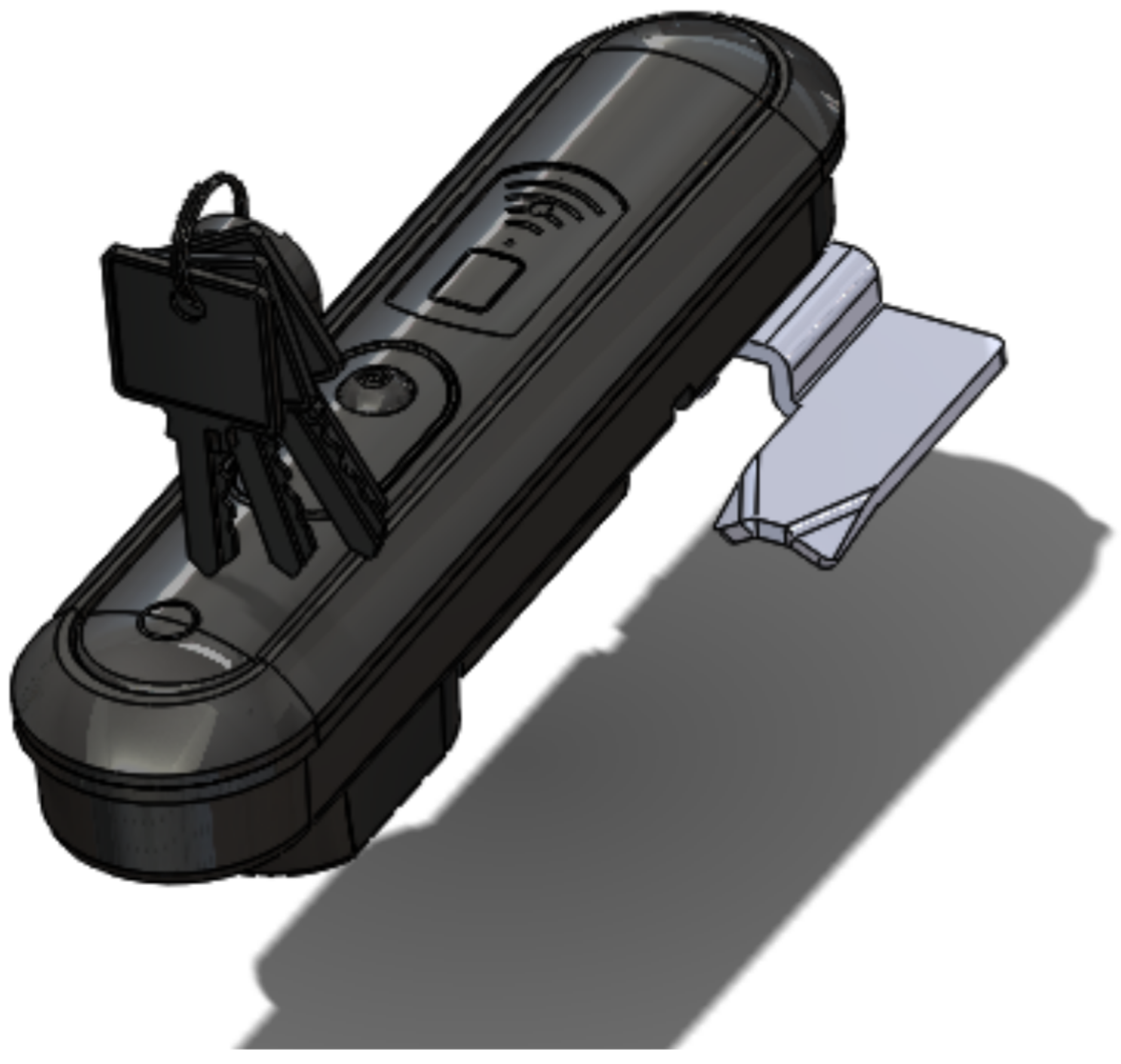
类 别/ Category： Electronic Lock

批准 Approval	审核 Examine	设计 Design	发行日期 Release date
			2017年5月 March 2017
Chen HuiDan	Pan JianShuang	Pan ZhouPen	版本Edition
			B

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1.0外观图Appearance view



ZN899电子锁/ Electronic Lock

2.0一般规格General specifications

序号 Serial No.	项目Item	规格/条件Specification/Condition
2.1	型号Model	ZN899
2.2	额定电压Rated voltage	DC 12V
2.3	操作电压Operating voltage	DC12V±20%

2.4	钢栓承受扭力 The bolt is subjected to torque	30 N.m	
2.5	消耗功率Power consumption	≤6W	1) At 25℃,65% RH 2) Rated Voltage
2.6	额定电流Rated current	≤0.5A	
2.7	IP防护IP protection	IP65	
2.8	重量Weight	0.76 kg	
2.9	刷卡信号距离Credit card signal distance	0~10mm	
2.10	通讯接口Communication Interface	外部电平(5-12V)	
2.11	频率界值Frequency Range	125KHz	
2.12	磁场最大发射功率 Magnetic field Transmission power（Max）	9.0dbm	

3.0主要材料/零件规格 Main material / Part specification

序号 Serial No.	名称Name	材质Material
3.1	基座Base	Zinc alloy
3.2	手柄Handle	Zinc alloy
3.3	欧标锁芯Europeanstandard cylinder	Hpb59-1
3.4	钢栓Cam	SUS304
3.5	信号输入器Signal input device	PA6+30%GF
3.6	压板Press plate	PA6+30%GF

4.0环境条件 Environmental conditions

序号Serial No.	项目Item	条件condition
4.1	工作环境Working environment	温度范围Temperature：-40 ~ 70℃ 湿度范围Humidity： 5% ~ 100%
4.2	存储环境 Storage environment	温度范围Temperature：-40 ~ +80℃ 湿度范围Humidity： 0 ~ 95%
4.3	海拔高度 Altitude	海拔Elevation: -60m~4000m
4.4	电子部件质保期 Electronic parts warranty period	2years @ 25℃/ 85% Relative humidity （RH）
4.5	机构部件质保期 Organization parts warranty period	2 years @ 25℃/ 85% Relative humidity （RH）
4.6	包装耐振动试验 Packaging resistance to vibration test	After packaging, XYZ three directions to apply 1.1G acceleration, vibration after 30 minutes no abnormalities.

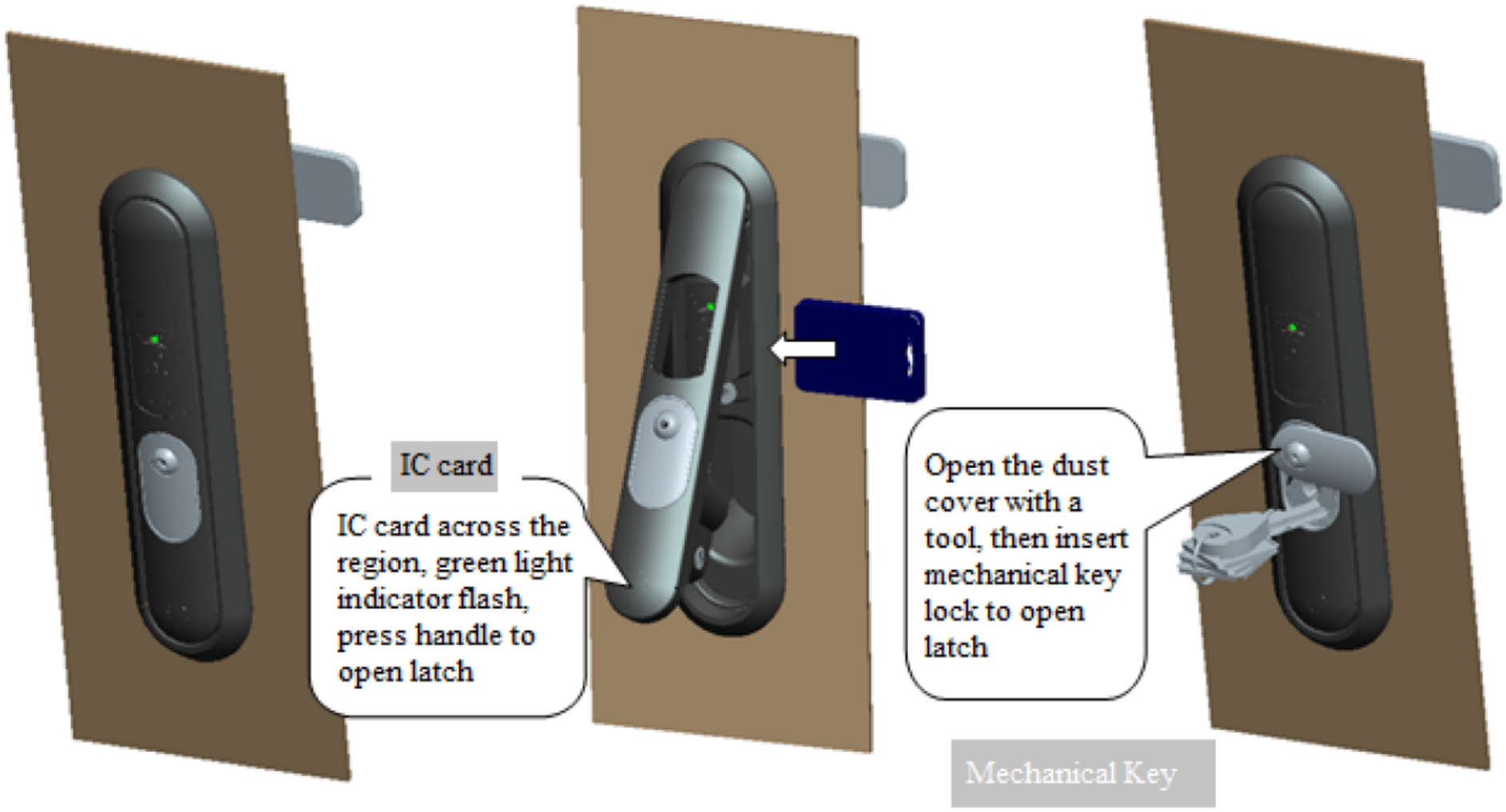
5.0 操作说明 Instructions

5.1 控制器对电子锁控制线通电后，用ID卡在指定刷卡区域刷卡，ID卡与电子锁匹配确认后，指示灯闪烁，然后用手向上掰图示柄位置，开启电子锁（如果不打开手柄，指示灯一直闪烁等待n秒后系统自动关闭）。

5.2 旋转手柄，带动钢栓，连杆等锁闭机构运动完成开启动作。

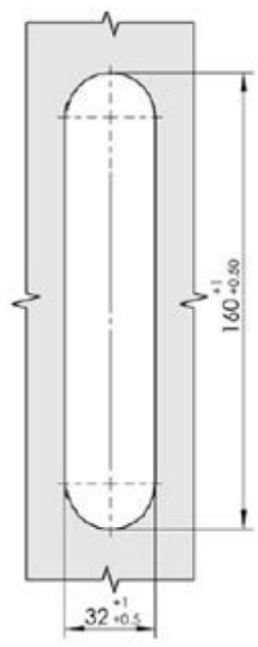
5.3 机械开启时，先用工具钥匙打开防尘盖，再将机械钥匙插入，顺时针旋转打开手柄。

5.4另外此锁也可用外置5-12V电平开锁，开锁后旋转手柄，带动钢栓，连杆等锁闭机构运动完成开启动作。



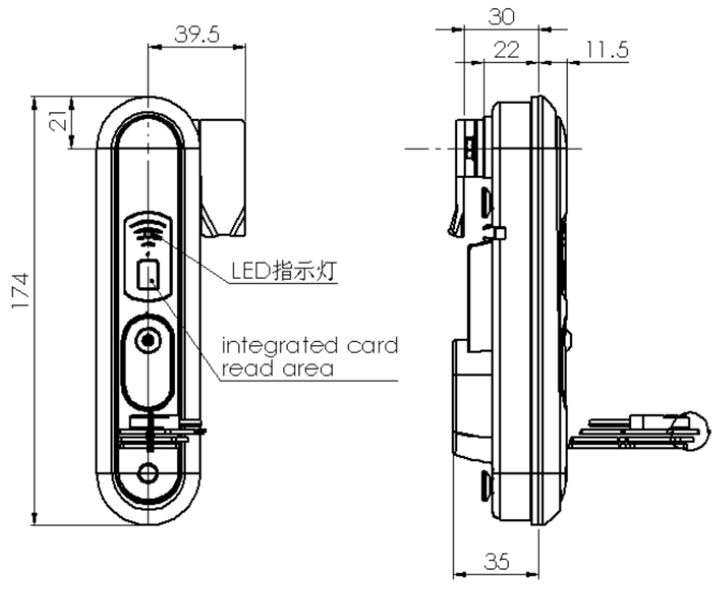
6.0安装示意图 Installation diagram





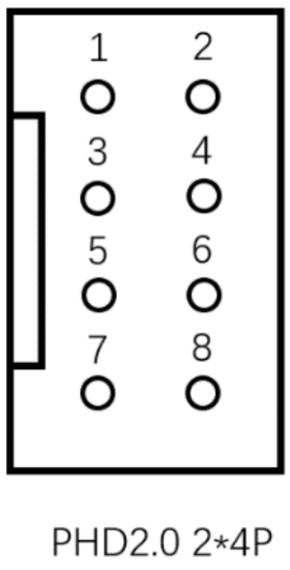
Panel Cut Out

7.0图面尺寸 Boundary dimension



8.0接线示意图 Wiring diagram

8.1 锁体对外接口是PHD2.0 8引脚插针，如图所示



PHD2.0 2*4P

8.2 1脚为电源地脚 ,颜色为黑色。 2脚为电源12V输入引脚，颜色为红色

8.3 3脚和4脚为外部开锁信号输入，3脚接外部信号负电压，4脚为外部信号正电压，外部信号电压为5-12V。3脚颜色为黄色，4脚颜色为蓝色。外部信号高电平开锁，高电平持续时间应大于500毫秒。

8.4 5脚和6脚暂时没定义功能，空脚，可以不接

8.5 7脚和8脚是干簧管输出信号，因为输出是开关信号，两个管脚的接线无顺序问题，颜色都是绿色。因为干簧管承受的电压电流小，请在控制板上加限流电阻保证电流小于50毫安

9.0注意事项 Precautions

9.1 使用时请勿超出本规格所规定之极限。
Do not exceed the limits specified in this specification when using this product.

9.2 倘若要变更此份文件的任何规格，请务必事先提出要求。
If you want to change any of the specifications of this document, be sure to request it in advanc e.

9.3 请勿将电源线缠绕着锁或用力拉扯电源线，如此电源线将会被损坏造成功能失效。
Do not wind the power cord around the lock or pull the power cord, so the power cord will be dam aged and cause the function to fail.

9.4 如有任何资料及文件与此份不同，将以此份资料为主要参考。
If any information and documents are different from this, the information will be the main referen

ce.

9.5 请勿在可燃性气体与任何有害环境中使用。
Do not use in flammable gases with any hazardous environment.

9.6 当搬运或安装作业中，电子锁如掉落地面，将会造成锁损坏。
In the handling or installation work, electronic locks such as falling ground, will cause damage to the lock.

9.7锁外壳之螺丝扭力矩不得超过3N.m。
The torque of the screw of the locking case shall not exceed 3N.m.

9.8 门锁在门上安装过程中，不得敲击门锁，以免损坏门锁零件，安装人员需带手套。
door lock in the door during the installation process, not knock on the door lock, so as not to damage the door lock parts, the installation staff need to bring gloves.

9.9 安装时门板需保持水平，柜门固定孔须与锁体外形相对。
The door must be kept level when installed, and the door fixing hole must be opposed to the shape of the lock body.

9.10不可用重力敲打锁体，不可用化学物质擦拭锁体表面以防电镀层腐蚀。
Do not use gravity to knock the lock body, can not use chemical substances to wipe the surface of the lock to prevent corrosion of the plating layer.

9.11安装后锁体保持平面度和垂直度，门锁和门板安装接口处无须涂防水胶边缘就能达到IP65的防水等级。
After the installation of the lock body to maintain flatness and verticality, door locks and door installation interface at the need to do with waterproof glue edge can reach IP65 waterproof rating.

10.0 特别说明

1.本产品符合RIFD的规格及技术标准；
The product conforms to RIFD specifications and technical standards.
2.本产品符合DOC声明；
The product conforms to DOC declaration.

11.0 包装标贴要求 Packaging label paste requirements

包装标贴的粘贴位置要尽可能一致，锁具标贴贴在锁具基座地面统一图示位置，内盒标贴位置位于包装箱侧面最小截面的右上角位置，外箱标贴贴在包装箱侧面最小截面的右上角位置。粘贴时，不要歪斜，保证标贴美观，不能有污点。标贴种类具体参照下发图纸。
Packaging label paste position should be as consistent as possible, lock label affixed to the unified graphical position lock base ground, inside box label location is located in the top right-hand corner of the packing side minimum cross section, carton labeling stick in the top right-hand corner of the minimum cross section on the side of the packing.Paste, don't skew, ensure that labeling and beautiful, there can be no stain.Labeling species specific reference issued by the drawings.