

# SEETRONIC

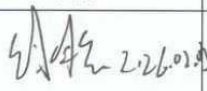
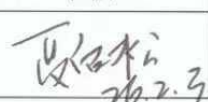
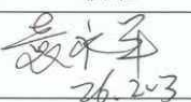
## Product Data Sheet

## 产 品 规 格 书

**Product Type**  
产品类型 **IP65 Waterproof Power Plug**  
**IP65 防水插头**

**Product Model**  
产品型号 **SAC3MCA-N-W**

**Customer Name**  
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
			

Customer 客户方	Received 接受	Checked 审核	Confirmed 确认

Above specifications and information may have tolerances and have been updated.  
Every effort has been made to ensure correctness upon release of this data sheet.  
以上规格和信息可能存在公差，并已更新。我们已尽一切努力确保本规格书发布时的正确性。

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## Product Data Sheet

<b>Product Type</b> 产品类型	<b>IP65 Waterproof Power Plug</b> IP65 防水插头	
<b>Product Model</b> 产品型号	<b>SAC3MCA-N-W</b>	
<b>Product Features</b>		
<ul style="list-style-type: none"><li>➤ Lockable three-core power-in cable connector with contacts for line, neutral and pre-adapted safety grounding</li><li>➤ IP65 Waterproof, suitable for outdoor use application</li><li>➤ Fast and easy locking system with firm latch lock which does not fall off</li><li>➤ High current capacity rated at 16A/250V AC IEC and 20A/300V AC UL</li></ul> <ul style="list-style-type: none"><li>➤ 带触点可锁定的三芯母头电源线缆连接器，触点分别为零线、火线及接地线</li><li>➤ IP65 防水，适合室外使用</li><li>➤ 快速简便的锁定系统，具有牢固的门锁，按键牢靠不脱落</li><li>➤ 高电流容量，16A/250V AC IEC 和 20A/300V AC UL</li></ul>		



## Product Data Sheet

### Electrical Parameters

#### 电气参数

Item 项目	Specification 规格
Number of pole 触点数量	2P + PE
Rated Current 额定电流	16A IEC / 20A UL
Rated Voltage 额定电压	250V AC IEC / 300V AC UL
Contact Resistance 接触电阻	$\leq 5\text{m}\Omega$
Dielectric Strength Basic insulation/ Reinforced insulation 基本绝缘/加强绝缘	1500V AC /3000V AC
Insulation Resistance 绝缘电阻	$> 1000\text{M}\Omega$

### Mechanical Parameters

#### 机械参数

Item 项目	Specification 规格
Service Life 使用寿命	> 1000 mating cycles > 1000 次使用周期
Cable Size 电线尺寸	2.5 mm <sup>2</sup> /12 AWG
Strip length 剥线长度	8-12 mm
Type of Terminals 端子接线方式	Screw type terminals 螺丝锁线端子



## Product Data Sheet

### Material and Environmental Parameters

#### 材料和环境

Item 项目	Specification 规格
Housing 外壳材质	PA66 尼龙
Contacts 触点材质	Cu alloy 铜合金
Contact surface 触点表面	Ag 银
Protection degree 防护等级	IP65
Flame retardant rating 阻燃等级	UL94 V-0
Temperature range 使用温度范围	-25° C ~ +80° C

### Standards and Certifications

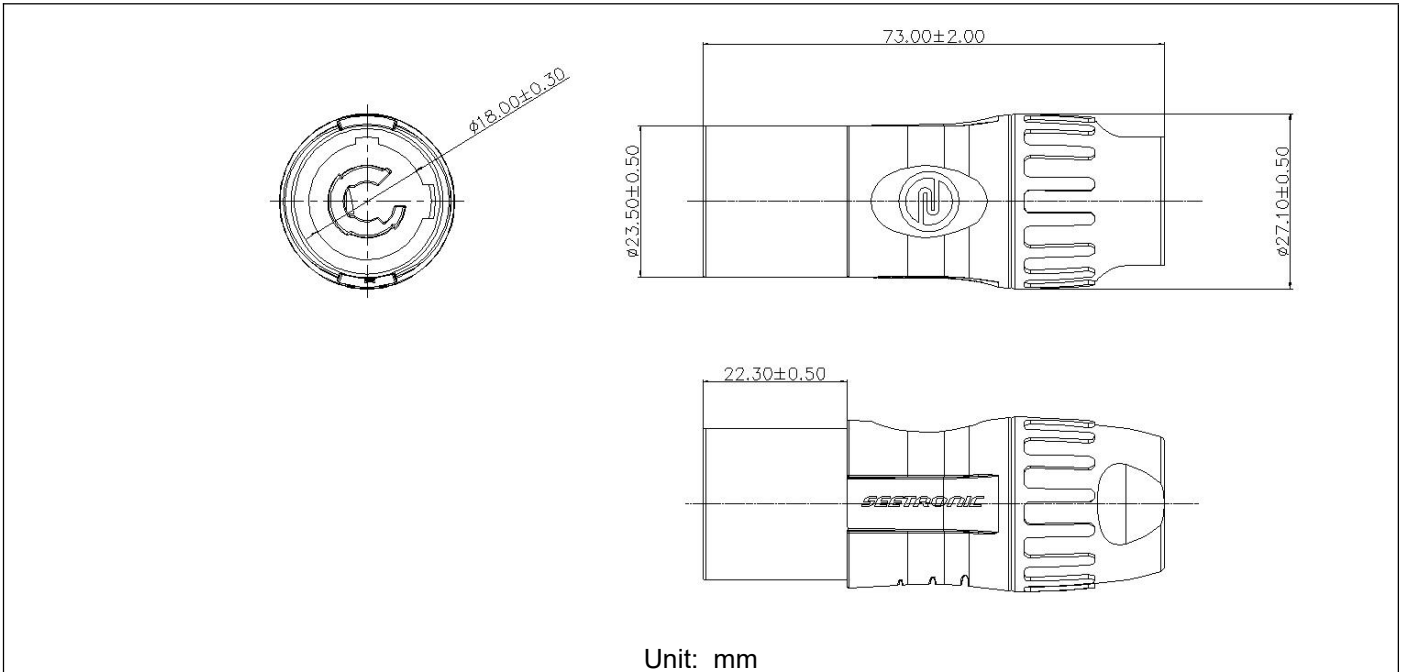
#### 标准和认证

Standards 标准	IEC60320-1
Certifications 认证	TUV RH : R 50660463 0002



## Product Data Sheet

### Product Drawing 产品外形尺寸



### Packaging Method 包装方法

1 piece per bag (including 1 inner core, 1 outer shell, 1 wire clip assembly, and 1 tail cover)  
40pcs per inner carton, 5 inner cartons per master carton (200pcs per master carton)

每袋 1 件（包括内芯、外壳、线夹组件、尾套各 1 件）  
每个内盒 40 个，每个外箱 5 个内盒（每个外箱 200 个）

### Accessory 附件

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> No accessories<br>无配件安装固定件 | <input type="checkbox"/> Back fastener plate<br>安装面板 |
| <input type="checkbox"/> Screws and Nuts<br>螺丝和螺帽              | <input type="checkbox"/> Other<br>其他                 |

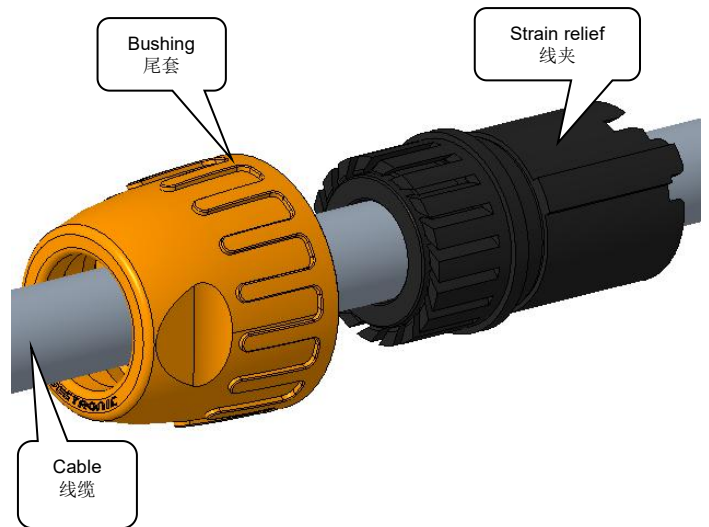


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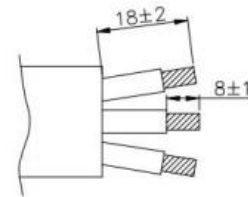
### Assembly Instructions

#### 安装使用说明

- (1) Put the cable through the bushing and strain relief  
将线缆穿过尾套和线夹



- (2) Strip the cable in the size as shown  
按所示尺寸剥线



- (3) Insert the conductor of the cable into the terminal of the inner core (refer to the wiring method on the right) and then lock with a torque of 0.5 Nm.

将线缆导体部分插入内芯端子（参考右图接线方式），插入后需用 0.7 Nm 扭矩锁紧螺丝

Wiring 线序	IEC	UL
L	Brown 棕色	Black 黑色
N	Blue 蓝色	White 白色
Ground 地线	Green/Yellow 绿色/黄色	Green 绿色

