

SEETRONIC

Product Data Sheet

产品规格书

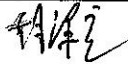
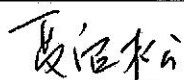
Product Type
产品类型

IP65 Waterproof Power Plug
IP65 防水插头

Product Model
产品型号

SAC3MCB-N-W

Customer Name
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
		 2.25.09.22.	 15.9.22

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有公差，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 Type 产品类型	IP65 Waterproof Power Plug IP65 防水插头	
Product Model 产品型号	SAC3MCB-N-W	
Product Features 产品特性		
<ul style="list-style-type: none">➤ Lockable three-core female power cable connector with contacts for line, neutral and pre-adapted safety grounding➤ Used for electrical connection under outdoor conditions with protection grade IP65➤ Match with SAC3FCB-N-W Plug➤ Fast and easy locking system with firm latch lock which does not fall off➤ Rugged and reliable anti-twist locking structure➤ High current capacity rated at 20A/250V AC IEC and 20A/300V AC UL <ul style="list-style-type: none">➤ 可锁定的三芯母头电源线缆连接器，触点分别为火线、零线及接地线➤ 用于户外条件下的电气连接，防护等级为 IP65➤ 与 SAC3FCB-N-W 插头配套使用➤ 快速简便的锁定系统，具有牢固的闩锁，按键牢靠不脱落➤ 坚固可靠的夹线螺母防松结构➤ 高电流容量，20A/250V AC IEC 和 20A/300V AC UL		



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Electrical Parameters 电气参数	
Item 项目	Specification 规格
Number of Contact 触点数量	2 + PE
Rated Current 额定电流	20A IEC / 20A UL
Rated Voltage 额定电压	250V AC IEC / 300V AC UL
Contact Resistance 接触电阻	$\leq 5 \text{ m}\Omega$
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^2 /12 AWG
Cable OD 电缆外径	8-12 mm
Type of Terminals 端子接线方式	Screw type terminals 螺丝锁线端子



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Material and Environmental Parameters 材料和环境

Item 项目	Specification 规格
Housing 外壳材质	PA 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	-30°C ~ +80°C

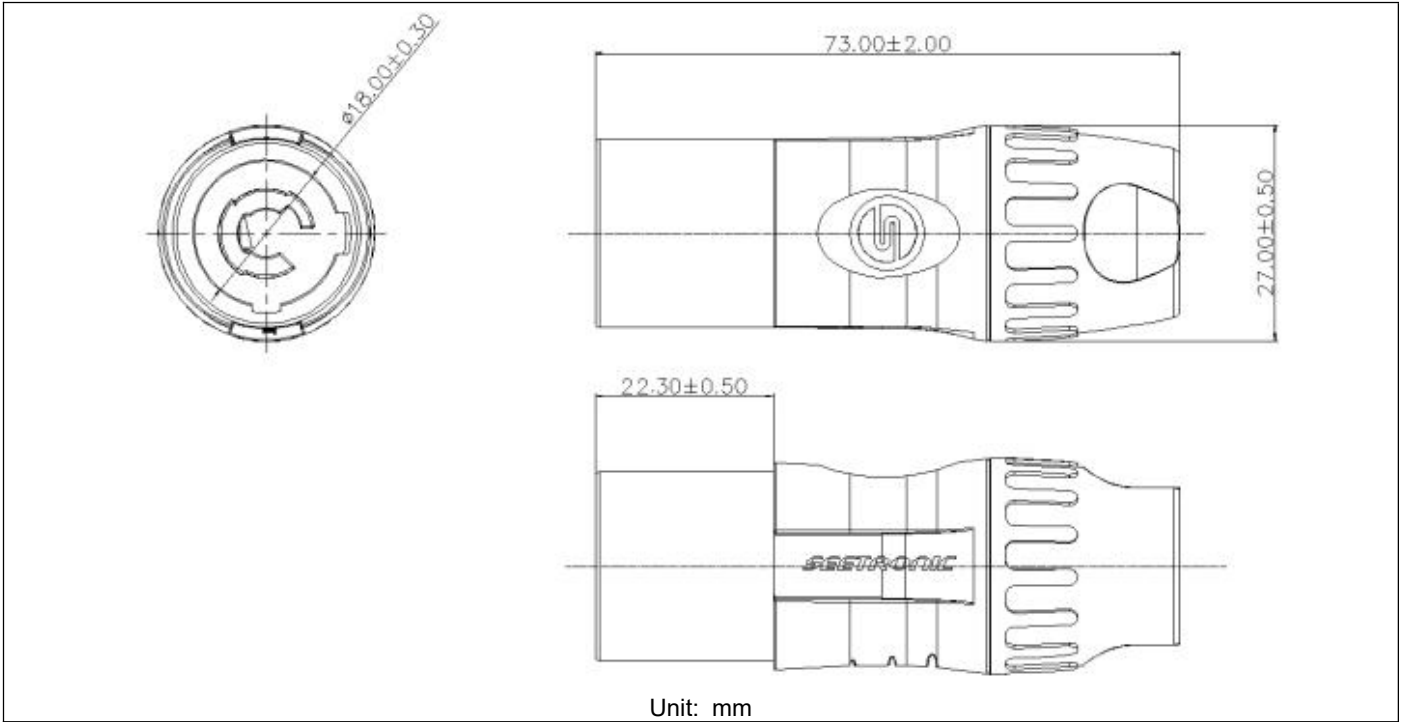
Standards and Certifications 标准和认证

Standards 标准	UL1977 IEC61984 IEC60320-1 GB/T 34989
Certifications 认证	UL: E359036 TUV RH : R 50660463 0001 CQC:CQC23003410678



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Product Drawing 产品外形尺寸



Packaging Method 包装方式

1 pc per bag (include 1 pc each of inner core, housing, strain relief, bushing, waterproof rubber ring)
40 pcs per inner carton, 5 inner cartons per master carton (200 pcs per master carton)

1 个/袋 (包含内芯、外壳、线夹、尾套、防水橡胶圈各 1 个)
40 个/盒, 5 个内盒/箱 (即 200 个/箱)

Accessory 配件

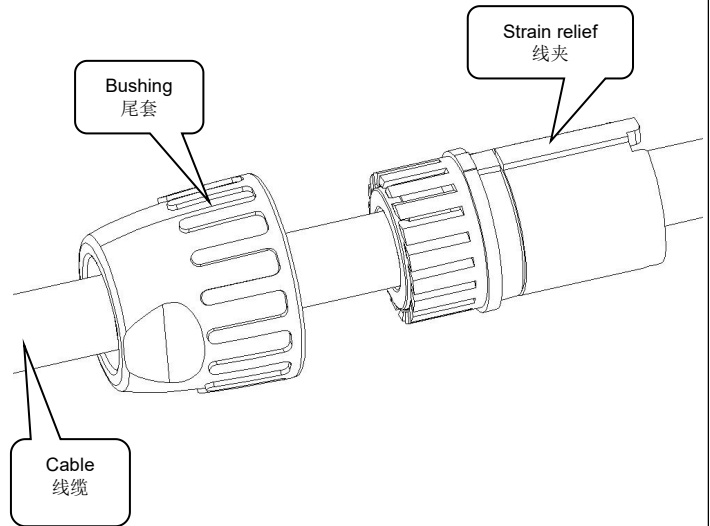
- | | |
|---|---|
| <input checked="" type="checkbox"/> No accessories
无配件 | <input type="checkbox"/> Back fastener plate
安装固定件 |
| <input type="checkbox"/> Screws and Nuts
螺丝和螺帽 | <input type="checkbox"/> Other
其他 |



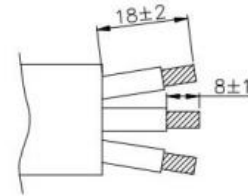
Product Data Sheet 产 品 规 格 书

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 $0.7 \text{ N}\cdot\text{m}$.

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 $0.7 \text{ N}\cdot\text{m}$ 扭矩锁紧螺丝(使用内六角螺丝刀或批头)。

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

