



Product Data Sheet

Product Type IP65 Waterproof Power Plug

Product Model SAC3MG(DJ)

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	IP65 Waterproof Power Plug	
Product Model	SAC3MG(DJ)	
Product Features		
<ul style="list-style-type: none">➤ Multiple types of 3-inner core design to meet the diversity of industrial needs➤ Zinc alloy housing and internal component material with complete electromagnetic and RF interference protection➤ Gold plated contacts with high corrosion resistance and electrical conductivity which effectively cope with the current generated temperature change.➤ PA66 shell, stable electrical performance, high pressure and temperature resistance, anti-explosion, and corrosion resistance➤ Rated current 20A rms➤ IP65 protection rating		



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Electrical Parameters

Item	Specification
Number of Contacts	2 + PE
Rated Current	20 A
Rated Voltage	250V AC
Contact Resistance	$\leq 5 \text{ m}\Omega$
Dielectric Strength	4000V DC
Insulation Resistance	$> 1000 \text{ M}\Omega$

Mechanical Parameters

Item	Specification
Service Life	> 1000 mating cycles
Cable Size	2.5 mm^2
Type of Terminals	Solder



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Material and Environmental Parameters

Item	Specification
Housing	PA
Contacts	Cu alloy
Contact surface	Au
Protection degree	IP65
Flame retardant rating	UL94-V0
Temperature range	-30°C ~ +80°C

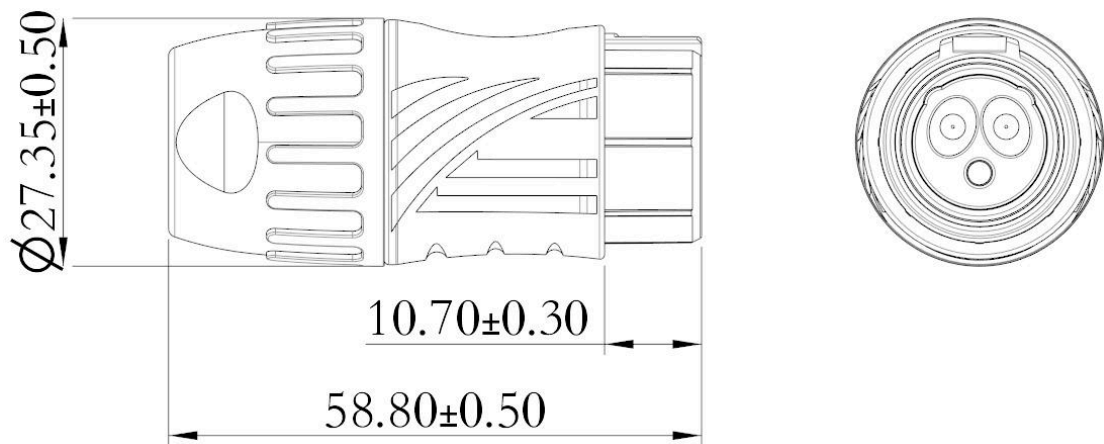
Standards and Certifications

Standards	UL498 UL50E IEC61984 GB/T 34989
Certifications	UL: E356932 VDE: 40044166 CQC: CQC23003410681



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Product Drawing



Unit: mm

Packaging Method

1pc per bag (include 1pc each of insert, housing, cable clamp and bushing)
50 pcs per inner carton, 5 inner cartons per master carton (250 pcs per master carton)

Accessory

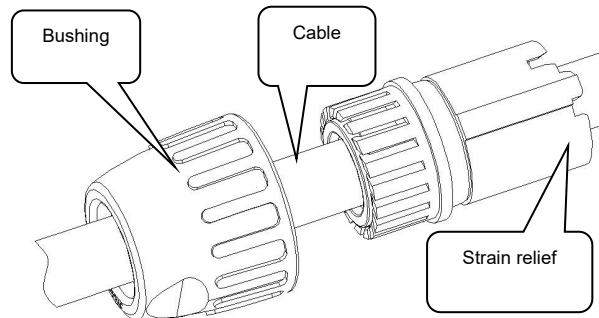
- | | |
|--|--|
| <input checked="" type="checkbox"/> No accessories | <input type="checkbox"/> Back fastener plate |
| <input type="checkbox"/> Screws and Nuts | <input type="checkbox"/> Other |



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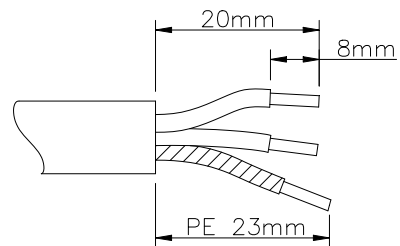
Assembly Instructions

(1) Put the cable through the bushing and strain relief



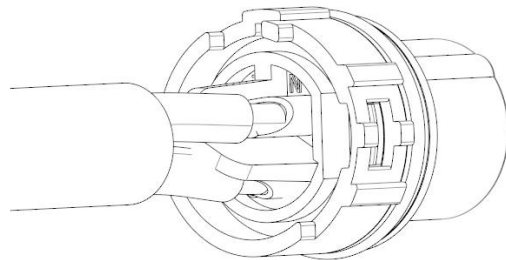
(2) Strip the cable in the size as shown

按所示尺寸剥线



(3) Solder the conductor portion of the cable to the inner core pins (refer to the wiring diagram on the right).

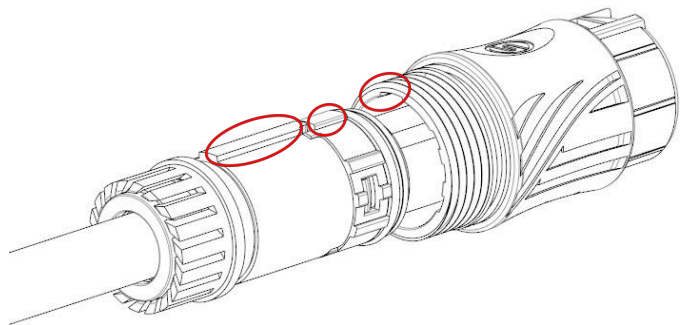
Wiring	VDE	UL
L	Brown	Black
N	Blue	White
Ground	Green/Yellow	Green



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Assembly Instructions

- (4) Push the inner core component into the housing with the strain relief. The protruding rib of strain relief should correspond to the protruding rib of the inner core assembly. And the two protruding ribs should correspond to the two grooves inside the housing.



- (5) After the assembly of the strain relief, inner core component and housing, tighten the bushing in a clockwise direction with a torque of 2.0 Nm.

