

# SEETRONIC

## Product Data Sheet

**Product Type** IP67 Waterproof Power Socket

**Product Model** SAC3MPX-67

**Customer Name** \_\_\_\_\_

| Manufacturer | Prepared | Checked | Approved |
|--------------|----------|---------|----------|
|              |          |         |          |

| Customer | Received | Checked | Confirmed |
|----------|----------|---------|-----------|
|          |          |         |           |

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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.

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## Product Data Sheet

|                      |                                     |  |
|----------------------|-------------------------------------|--|
| <b>Product Type</b>  | <b>IP67 Waterproof Power Socket</b> |  |
| <b>Product Model</b> | <b>SAC3MPX-67</b>                   |  |

### Product Features

- Lockable three-core male power socket with contacts for line, neutral and pre-adapted safety grounding
- Durable and ruggedly sealed power connector used for electrical connection under outdoor conditions with protection grade IP67
- Match with SAC3FX-67 plug
- It can achieve the effects of waterproof and airproof at the same time
- The rubber cover with model number CNAC-MPX-67 is not included
- High current capacity rated at 16A/250V AC VDE and 20A/300V AC UL
- UL498 & UL50E Certification No. E356932
- VDE Certification No. 40044166



## Product Data Sheet

### Electrical Parameters

| Item                  | Specification              |
|-----------------------|----------------------------|
| Number of Contacts    | 2 + PE                     |
| Rated Current         | 16A VDE(20A UL)            |
| Rated Voltage         | 250V AC VDE (300V AC UL)   |
| Contact Resistance    | $\leq 5 \text{ m}\Omega$   |
| Dielectric Strength   | 4000V DC (1600V/min AC UL) |
| Insulation Resistance | $> 1000 \text{ M}\Omega$   |

### Mechanical Parameters

| Item                | Specification                      |
|---------------------|------------------------------------|
| Service Life        | $> 1000$ mating cycles             |
| Cable Size          | 2.5mm <sup>2</sup> (12AWG)         |
| Type of Terminals   | Soldering / plugging 6.3 terminals |
| Screw fixing torque | 0.5 Nm                             |



## Product Data Sheet

### Material and Environmental Parameters

| Item                  | Specification   |
|-----------------------|-----------------|
| Housing               | PA<br>尼龙        |
| Contacts              | Cu alloy<br>铜合金 |
| Contact plating       | Au<br>金         |
| Flame-retardant grade | UL 94 V0        |
| Protection class      | IP67            |
| Temperature range     | -30°C ~ +80°C   |

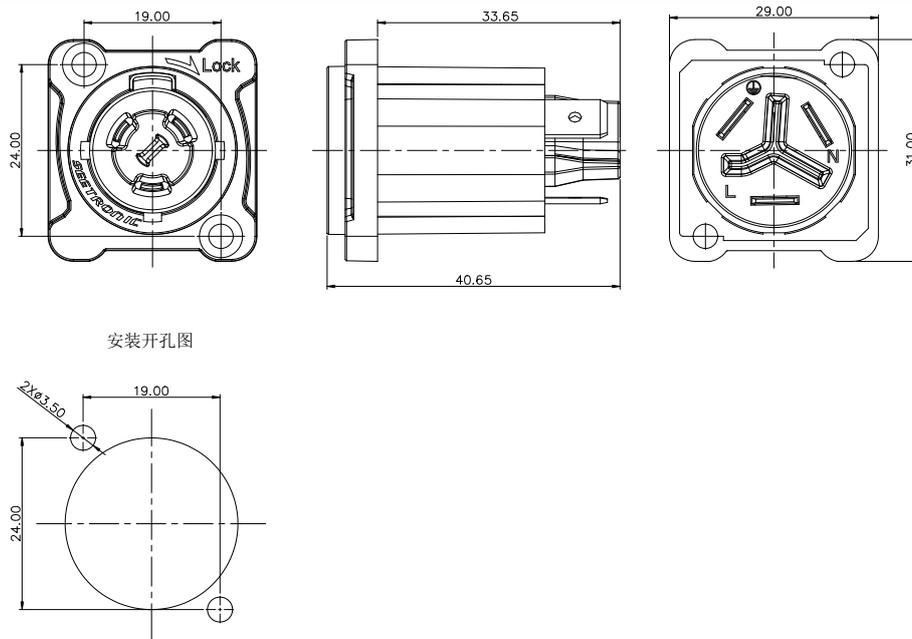
### Standards and Certifications

|                |  |
|----------------|--|
| Standards      | UL498   UL50E   IEC61984   GB/T 34989        |
| Certifications | UL: E356932   VDE: 40044166   CQC23003410681 |
| Solderability  | IEC 68-2-20                                  |



## Product Data Sheet

### Product Drawing



Unit: mm

### Packaging Method

Blister box packaging (only include the socket body, waterproof rubber is not included and need to be purchased separately)

20 pcs per blister box, 100 pcs per inner carton, 5 inner carton per master carton (500 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               |

