

**Form**



Product Service

**Data form for critical components and material information**

Applicant name and address..... :	Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA
Manufacturer name and address . :	Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA
Name and address of factory / factories..... :	Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA
Project-No./Report-No. .... :	874102357401-00
Test item description..... :	Coupler Connector and appliance inlet
Model/Type reference ..... :	See table 1
Device type ..... :	<input checked="" type="checkbox"/> component / <input type="checkbox"/> sub-assembly / <input type="checkbox"/> equipment / <input type="checkbox"/> system

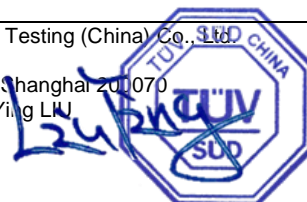
Ratings ..... :	250V~, 16A, IP20 after mounted, for cold conditions (Details see table 1)
Connection to electrical supply..... :	<input type="checkbox"/> N/A <input type="checkbox"/> Permanent / <input type="checkbox"/> Detachable cord set / <input type="checkbox"/> Non detachable cord set / <input type="checkbox"/> Direct plug-in / <input type="checkbox"/> Battery operated / <input checked="" type="checkbox"/> Others: Tab terminals for appliance inlet, screw terminals for connector,
Overvoltage category..... :	<input type="checkbox"/> I / <input checked="" type="checkbox"/> II / <input type="checkbox"/> III / <input type="checkbox"/> IV / <input type="checkbox"/> N/A
Pollution degree..... :	<input type="checkbox"/> 1 / <input checked="" type="checkbox"/> 2 / <input type="checkbox"/> 3 / <input type="checkbox"/> 4 / <input type="checkbox"/> N/A
Class of protection..... :	<input checked="" type="checkbox"/> Class I (PE connected) <input type="checkbox"/> Class II (isolated) <input type="checkbox"/> Class III <input type="checkbox"/> Others: <input type="checkbox"/> N/A
Product with functional earthing	<input checked="" type="checkbox"/> Yes

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Revision / Version: 00  
Date: 2023-12-18

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..... :	<input type="checkbox"/> N/A
Environmental conditions / Maximum ambient temperature (°C) .....	Cold condition
Equipment mobility / Classification of installation and use .....	<input type="checkbox"/> transportable / <input type="checkbox"/> portable / <input type="checkbox"/> stationary / <input type="checkbox"/> mobile / <input type="checkbox"/> fixed / <input type="checkbox"/> permanently installed / <input type="checkbox"/> hand-held / <input type="checkbox"/> body-worn / <input checked="" type="checkbox"/> building-in / <input type="checkbox"/> Others:
Operating conditions..... :	<input checked="" type="checkbox"/> Continuous / <input type="checkbox"/> Short-time / <input type="checkbox"/> Intermittent
Overall size of equipment (mm) .....	Appr. 88 x 31 x 26 [mm] (SAC3FCA mated with SAC3MPA)
Mass of equipment (g) .....	Appr. 50g (SAC3FCA mated with SAC3MPA)
Degree of ingress protection (IEC 60529, UL 50 / UL 50 E) .....	IP20
Noise emission [dB(A)] .....	N/A
Vibration [m/s <sup>2</sup> ]	N/A
Connection to hydraulic power .....	N/A
Connection to pneumatic power ... :	N/A
Connection to water installation ... :	N/A
Description of special features .....	N/A
Additional information for Laser equipment, classification according to IEC/EN 60825-1: <input checked="" type="checkbox"/> N/A	
Type:            --	Wavelength:    --            Output power:    --
Class:           --	Pulse duration:    --            --            --
Data communication ports: <input checked="" type="checkbox"/> N/A	
Wired ports .....	<input type="checkbox"/> N/A <input type="checkbox"/> USB <input type="checkbox"/> LAN <input type="checkbox"/> DALI <input type="checkbox"/> other:
Wireless ports .....	<input type="checkbox"/> N/A <input type="checkbox"/> Wifi <input type="checkbox"/> Bluetooth <input type="checkbox"/> NFC <input type="checkbox"/> 4G/LTE <input type="checkbox"/> 5G

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	<input type="checkbox"/> Other:
Data Storage/ Processing .....	<input type="checkbox"/> N/A <input type="checkbox"/> Local <input type="checkbox"/> Cloud

Additional IEC 60601-1 / EN 60601-1 / ANSI/AAMI ES60601-1 / CAN/CSA-C22.2 No. 60601-1: <input checked="" type="checkbox"/> N/A	
Applied part type .....	<input type="checkbox"/> B <input type="checkbox"/> BF <input type="checkbox"/> CF <input type="checkbox"/> Defibrillation-Proof <input type="checkbox"/> No AP
Software Version.....	<input checked="" type="checkbox"/> N/A

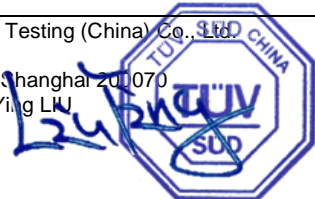
General product information and other remarks:						
Main label / Warning Markings:	For example: SAC3FCA and SAC3MPA, other models have similar parameter except the model name.					
	<table border="1"> <tr> <td> <p>SAC3FCA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p> </td> <td> <p>SAC3MPA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <p>Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA</p> </td> </tr> </table> <p>Remark: Name and address of EU-based manufacturer, or authorized representative or importer must be affixed to the product when the product place on the EU market. The height of symbol "CE" is not less than 5mm.</p>	<p>SAC3FCA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p>	<p>SAC3MPA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p>			<p>Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA</p>
<p>SAC3FCA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p>	<p>SAC3MPA</p> <p>16A 250V~</p> <p>L N </p> <p><b>Seetronic</b></p>					
<p>Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA</p>						
Description of model differences:	See table 1					
General information / Intended use:	Coupler Connector and appliance inlet					
Protective earth connection:	With earthing terminals					
Drawing(s) / Picture(s):	For example: Model: SAC3FCA mated with SAC3MPA.					

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Details see photo documentation



## Data form for critical components and material information

## Critical components and material information:

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard No. and Edition year	Mark(s) of conformity
Enclosure:					
1. Housing	KINGFA SCI & TECH CO LTD	PA66-RG251(fff)(f1)(r1)	PA66+25%GF V-0	EN IEC 60320-1:2021	Test with unit UL E171666
Components related to electrical safety:					
2. Contact of connector	Ningbo Lianqi Electronics Co., Ltd	C3640	Brass contain>58%	EN IEC 60320-1:2021	Test with unit
3. Pin of appliance inlet (Tab terminals)	Ningbo Lianqi Electronics Co., Ltd	C5191	Brass contain>90%	EN IEC 60320-1:2021	Test with unit
4. Base of connector	KINGFA SCI & TECH CO LTD	PA66-RG251(fff)(f1)(r1)	PA66+25%GF V-0	EN IEC 60320-1:2021	Test with unit UL E171666
5. base of appliance inlet	KINGFA SCI & TECH CO LTD	PA66-RG251(fff)(f1)(r1)	PA66+25%GF V-0	EN IEC 60320-1:2021	Test with unit UL E171666
6. Wiring clamp	KINGFA SCI & TECH CO LTD	PA66-RG251(fff)(f1)(r1)	PA66+25%GF V-0	EN IEC 60320-1:2021	Test with unit UL E171666
7. Wire cap	KINGFA SCI & TECH CO LTD	PA66-RG251(fff)(f1)(r1)	PA66+25%GF V-0	EN IEC 60320-1:2021	Test with unit UL E171666
8. Dustproof lid, seal ring	DONGGUAN CITY FIRST QUALITY SILICONE RUBBER ELECTRON MATERIAL CO LTD	YIP300aA(a)	Silicone rubber V-0	EN IEC 60320-1:2021	Test with unit UL E341634

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Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard No. and Edition year	Mark(s) of conformity
Components related to mechanical safety: N/A					
Components related to functional safety: N/A					
Components related to chemical safety: N/A					
Components / material with contact to food: N/A					
Components related to cyber security: N/A					
Software revision and third-party libraries of safety or cyber security: N/A					
Supplementary information: N/A					

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**NRTL - Unrecognized Safety relevant (critical) components subject to verification testing:**  
N/A

Object / part No.	Verification tests to be conducted	Laboratory of testing / sampling





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**Routine Test (Safety, Security, ...):** EN IEC 60320-1:2021

N/A,  No requirement in standard,  Non certification mark project

Model/Type reference:	Tests performed (name of test and test clause):	Test Details:	Test Points:	Test Values:
All model	EN IEC 60320-1:2021	Dielectric Strength	L/N – body	2000Vac, 2S
All model	EN IEC 60320-1:2021	Ground continuity	Earthing terminal- mental enclosure & Earthing contact	25A, 2s, <0.05 Ohm (Ω)
All model	EN IEC 60320-1:2021	Function/ correct connection	-	-

Table 1

Models:	SAC3FCA, SAC3FCA-00~99, SAC3FCA-UL, SAC3FCA-Z, SAC3FCA-M, SAC3FCA-W-M, SAC3FCA-Z-MR, SAC3FCA-NEW, SAC3FCA-XS, SAC3FCA-N-W, SAC3FCB, SAC3FCB-00~99, SAC3FCB-UL, SAC3FCB-Z, SAC3FCB-N-W, SAC3FCB-M, SAC3FCB-W-M, SAC3FCB-Z-MR, SAC3FCB-NEW, SAC3FCB-XS, SAC3FCB-BS, SAC3MPA, SAC3MPA-00~99, SAC3MPA-UL, SAC3MPA-Z, SAC3MPA-W-M, SAC3MPA-M, SAC3MPA-NEW, SAC3MPA-W, SAC3MPB-M3, SAC3MPA-X, SAC3MPA-1, SAC3MPA-1-MARK, SAC3MPA-N-W, SAC3MPB, SAC3MPB-00~99, SAC3MPB-UL, SAC3MPB-Z, SAC3MPB-W-M, SAC3MPB-M, SAC3MPB-NEW, SAC3MPB-W, SAC3MPB-M3, SAC3MPB-X, SAC3MPB-1, SAC3MPB-1-MARK, SAC3MPB-N-W
Rated voltage:	250V~
Rated frequency:	50/60Hz
Rated current:	16A
Number of poles:	2-pole with earthing contact
Kind of construction:	Non-standardized
Type of terminals:	Screw terminals for connector; Tab terminals for appliance inlet
Rated connection capacity:	Flexible:1,0 to 2,5mm <sup>2</sup>
Type of cord for connector:	H05VV-F 3G 1,0/1,5/2,5mm <sup>2</sup> ; H05RR-F 3G 2,5mm <sup>2</sup> ; H05RN-F 3G 1,0mm <sup>2</sup> ; H07RN-F 3G 1,5/2,5mm <sup>2</sup>
Heating conditions:	For cold conditions

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Protection class:	For class I appliance
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<p>Remark:</p> <p>Connector: SAC3FCA, SAC3FCA-00~99, SAC3FCA-UL, SAC3FCA-Z, SAC3FCA-M, SAC3FCA-Z-MR, SAC3FCA-NEW, SAC3FCA-XS, SAC3FCA-W-M, SAC3FCA-N-W, SAC3FCB, SAC3FCB-00~99, SAC3FCB-UL, SAC3FCB-Z, SAC3FCB-N-W, SAC3FCB-M, SAC3FCB-W-M, SAC3FCB-Z-MR, SAC3FCB-NEW, SAC3FCB-XS, SAC3FCB-BS;</p> <p>Appliance inlet: SAC3MPA, SAC3MPA-00~99, SAC3MPA-UL, SAC3MPA-Z, SAC3MPA-W-M, SAC3MPA-M, SAC3MPA-NEW, SAC3MPA-W, SAC3MPB-M3, SAC3MPA-X, SAC3MPA-1, SAC3MPA-1-MARK, SAC3MPA-N-W, SAC3MPB, SAC3MPB-00~99, SAC3MPB-UL, SAC3MPB-Z, SAC3MPB-W-M, SAC3MPB-M, SAC3MPB-NEW, SAC3MPB-W, SAC3MPB-M3, SAC3MPB-X, SAC3MPB-1, SAC3MPB-1-MARK, SAC3MPB-N-W.</p>
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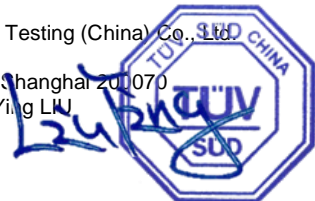
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**Signature of the Certification Holder:**

Name, seal and signature of Certificate Holder:	Ningbo Seetronic Electronic Technology Co., Ltd.
Date:	2023-12-18

