

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. :	874102357402-00
Test item description..... :	Coupler Connector and appliance inlet
Model/Type reference :	SAC3FX, SAC3FX-LY, SAC3FX-00~99, SAC3MPX, SAC3MPX-LY, SAC3MPX-00~99
Device type :	☒ component / ☐ sub-assembly / ☐ equipment / ☐ system

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

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Product with functional earthing :	☒ Yes ☐ N/A				
Environmental conditions / Maximum ambient temperature (°C) :	Cold conditions				
Equipment mobility / Classification of installation and use :	☐ transportable / ☐ portable / ☐ stationary / ☐ mobile / ☐ fixed / ☐ permanently installed / ☐ hand-held / ☐ body-worn / ☒ building-in / ☐ Others:				
Operating conditions..... :	☒ Continuous / ☐ Short-time / ☐ Intermittent				
Overall size of equipment (mm) :	Appr. 93 x 31 x 32 [mm] (SAC3FX mated with SAC3MPX)				
Mass of equipment (g) :	Appr. 52g (SAC3FX mated with SAC3MPX)				
Degree of ingress protection (IEC 60529, UL 50 / UL 50 E) :	IP20 after mounted				
Noise emission [dB(A)] :	N/A				
Vibration [m/s²]	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: ☒ N/A					
Type:	--	Wavelength:	--	Output power:	--
Class:	--	Pulse duration:	--	--	--
Data communication ports: ☒ N/A					
Wired ports :	☐ N/A ☐ USB ☐ LAN ☐ DALI ☐ other:				

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Wireless ports	☐ N/A ☐ Wifi ☐ Bluetooth ☐ NFC ☐ 4G/LTE ☐ 5G ☐ Other:
Data Storage/ Processing	☐ N/A ☐ Local ☐ Cloud

Additional IEC 60601-1 / EN 60601-1 / ANSI/AAMI ES60601-1 / CAN/CSA-C22.2 No. 60601-1: ☒ N/A	
Applied part type	☐ B ☐ BF ☐ CF ☐ Defibrillation-Proof ☐ No AP
Software Version.....	☒ N/A

General product information and other remarks:	
Main label / Warning Markings:	For example: SAC3FX and SAC3MPX, other models have similar parameter except the model name. SAC3FX 16A 250V~ L N Seetronic SAC3MPX 16A 250V~ L N Seetronic Ningbo Seetronic Electronic Technology Co., Ltd. No. 2 Yunyao Road, Yunlong Town Yinzhou District 315131 Ningbo City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA 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.
Description of model differences:	See table 1
General information / Intended use:	Coupler Connector and appliance inlet

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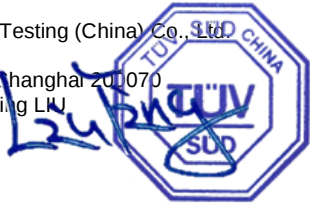


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Protective earth connection:	N/A
Drawing(s) / Picture(s):	For example: Model: SAC3FX mated with SAC3MPX  Details see photo documentation



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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 Metaltec Hardware Technology Co., Ltd.	C5191	Brass contain>90%	EN IEC 60320-1:2021	Test with unit
Alternative	Ningbo Yinzhou Tangxi Yingdong Electromechanical fittings factory	C5191	Brass contain>90%	EN IEC 60320-1:2021	Test with unit
3. Pin of appliance inlet (Tab terminals)	Ningbo Dongqian Lake Tourist Resort Yida Electrical Appliance Parts Factory	C5191	Brass contain>90%	EN IEC 60320-1:2021	Test with unit
Alternative	Ningbo Yinzhou Tangxi Yingdong Electromechanical fittings factory	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

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Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard No. and Edition year	Mark(s) of conformity
6. Cable 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
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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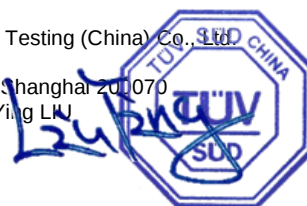
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NRTL - Unrecognized Safety relevant (critical) components subject to verification testing:
N/A

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:	SAC3FX, SAC3FX-LY, SAC3FX-00~99, SAC3MPX, SAC3MPX-LY, SAC3MPX-00~99
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 ²
Type of cord for connector:	H05VV-F 3G 1,0/1,5/2,5mm ² ; H05RR-F 3G 2,5mm ² ; H05RN-F 3G 1,0mm ² ; H07RN-F 3G 1,5/2,5mm ²
Heating conditions:	For cold conditions
Protection class:	For class I appliance
Remark: Connector: SAC3FX, SAC3FX-LY, SAC3FX-00~99; Appliance inlet: SAC3MPX, SAC3MPX-LY, SAC3MPX-00~99.	

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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

