



Product Service

CERTIFICATE

No. B 113121 0004 Rev. 00

Holder of Certificate: NIU-Power (Suzhou) Corporation

No.16, North Zhajiabang Road
215555 Suzhou City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Connector

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105193029801A

Valid until: 2024-08-21

Date, 2022-08-16

(Martin Ma)

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Model(s):

**A5-2PPM, A5-2PPF, A5-2PCM, A5-2PCF
A5-3PPM, A5-3PPF, A5-3PCM, A5-3PCF
A5-4PPM, A5-4PPF, A5-4PCM, A5-4PCF
A5-5PPM, A5-5PPF, A5-5PCM, A5-5PCF**

Parameters:

Rated current (At 40°C):	50A
Rated voltage:	500VAC
Number of poles:	See table 1 for detail
Overvoltage category:	II
Pollution degree:	2
IP code:	IP68; For IPX8: The highest point of enclosures is located 1m below the surface of the water; The duration of the test: 2h.
Temperature range (LLT-ULT):	-40°C to +85°C
Type of terminals:	Screw type
With or without breaking capacity:	Without (COC)
Number of operating cycles/mechanical endurance:	50

Table 1: Detailed information of connector

Model				No. of pole	Seal range for cable clamp
Male connector		Mated Female connector			
Free	Fixed	Free	Fixed		
A5-2PCM	A5-2PPM	A5-2PCF	A5-2PPF	2	Ø11-21mm
A5-3PCM	A5-3PPM	A5-3PCF	A5-3PPF	2+PE	
A5-4PCM	A5-4PPM	A5-4PCF	A5-4PPF	4	
A5-5PCM	A5-5PPM	A5-5PCF	A5-5PPF	4+PE	

Tested according to: EN 61984:2009