



Product Service

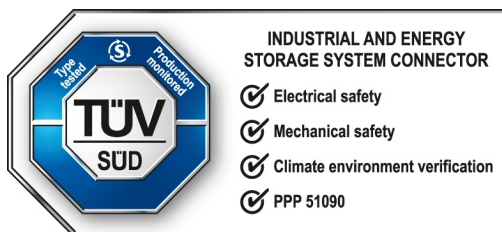
CERTIFICATE

No. Z2 121741 0002 Rev. 00

Holder of Certificate: **Xiamen WAIN Electrical Co., Ltd.**

No. 602 Shanting Road, Min'an Street
Xiang'an District
361101 Xiamen, Fujian
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Connector
Energy storage system 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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 885002403901

Valid until: 2029-08-15

Date, 2024-08-16

(Martin Ma)

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Model(s):

WNHVPC-3-M1 series:

WNHVPC-3 - M1 - A - Φ6 - OG - 00.1

I II III IV V VI

I – Basic series designation

WNHVPC-3: WNHVPC-3 series

II – Type of connector

M1: Male connector

III – Type of Key

A-: A key only for Φ6 pin connector

B-: B key only for Φ6 pin connector

Blank: Standard type (No key)

IV – The pin of connectors

Φ6: 6mm diameter

Φ10: 10mm diameter

V – Color of the enclosure

OG: Orange only for A key and standard type

BK: Black only for B key and standard type

VI – Detail type of the terminal

00.1, 00.0 only for Φ6 pin connector

00.2, 00.4, 00.7, 00.8, 00.9, 01.0, 01.1 for Φ10 pin connector

WNHVPC-3-F1 series:

WNHVPC-3 F1 - A - F25 - OG - 00.1

I II III IV V VI

I – Basic series designation

WNHVPC-3: WNHVPC-3 series

II – Type of connector

F1: female connector

III – Type of Key

A-: A key only for connector with 25/16/10 mm² wire

B-: B key only for connector with 25/16/10 mm² wire

Blank: Standard type (No key)

IV – The cross-sectional area of the connected wire

F10: 10mm²

F16: 16mm²

F25: 25mm²

F35: 35mm²

F50: 50mm²

F70: 70mm²

V – Color of the enclosure

OG: Orange only for A key and standard type

BK: Black only for B key and standard type

VI – Customer code (optional):

xx.x: 00.0 to 99.9, do not affect the construction



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Parameters:	Rated current:	See table 1
	Rated voltage:	See table 1
	Number of poles:	1
	Pollution degree:	3
	IP code:	See table 1
	Temperature range (LLT-ULT):	-40°C to 125°C
	Type of terminals:	Screw terminals for male connectors, crimped terminals for female connectors
	With or without breaking capacity:	Without (COC)
	Number of operating cycles/mechanical endurance:	200

Tested according to: PPP 51090B:2023

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Table 1: Detail information for different modles:

Fixed male connector:	Mated female connectors:	Rated current (A) (At 70°C):	Rated voltage (VDC):	IP degree:
WNHVPC-3-M1-Φ6-OG-00.0, WNHVPC-3-M1-Φ6-OG-00.1	WNHVPC-3-F1-F25-OG	120	1000	IP67 (After proper installation)
	WNHVPC-3-F1-F16-OG	80	1000	
	WNHVPC-3-F1-F10-OG	60	1000	
WNHVPC-3-M1-A-Φ6-OG-00.1	WNHVPC-3-F1-A-F25-OG	120	1000	
	WNHVPC-3-F1-A-F16-OG	80	1000	
	WNHVPC-3-F1-A-F10-OG	60	1000	
WNHVPC-3-M1-Φ6-BK-00.0, WNHVPC-3-M1-Φ6-BK-00.1	WNHVPC-3-F1-F25-BK	120	1000	
	WNHVPC-3-F1-F16-BK	80	1000	
	WNHVPC-3-F1-F10-BK	60	1000	
WNHVPC-3-M1-B-Φ6-BK-00.1	WNHVPC-3-F1-B-F25-BK	120	1000	
	WNHVPC-3-F1-B-F16-BK	80	1000	
	WNHVPC-3-F1-B-F10-BK	60	1000	
WNHVPC-3-M1-Φ10-OG-00.2, WNHVPC-3-M1-Φ10-OG-00.4, WNHVPC-3-M1-Φ10-OG-00.7, WNHVPC-3-M1-Φ10-OG-01.0, WNHVPC-3-M1-Φ10-OG-00.9	WNHVPC-3-F1-F70-OG	250	1500	IP67 (After proper installation)
	WNHVPC-3-F1-F50-OG	200	1500	
	WNHVPC-3-F1-F35-OG	150	1500	
WNHVPC-3-M1-Φ10-OG-00.8, WNHVPC-3-M1-Φ10-OG-01.1	WNHVPC-3-F1-F70-OG	250	1500	IP20 (After proper installation)
	WNHVPC-3-F1-F50-OG	200	1500	
	WNHVPC-3-F1-F35-OG	150	1500	
WNHVPC-3-M1-Φ10-BK-00.2, WNHVPC-3-M1-Φ10-BK-00.4, WNHVPC-3-M1-Φ10-BK-00.7, WNHVPC-3-M1-Φ10-BK-01.0, WNHVPC-3-M1-Φ10-BK-00.9	WNHVPC-3-F1-F70-BK	250	1500	IP67 (After proper installation)
	WNHVPC-3-F1-F50-BK	200	1500	
	WNHVPC-3-F1-F35-BK	150	1500	
WNHVPC-3-M1-Φ10-BK-00.8, WNHVPC-3-M1-Φ10-BK-01.1	WNHVPC-3-F1-F70-BK	250	1500	IP20 (After proper installation)
	WNHVPC-3-F1-F50-BK	200	1500	
	WNHVPC-3-F1-F35-BK	150	1500	

Remark: The models of female connectors mentioned above may be with customer code from 00.0 to 99.9.

The standard of PPP 51090B has combined the requirements of **IEC 61984:2008/EN 61984: 2009 (modification)** and the requirements of Mechanical and Degree of protection: **IEC 60512**, Climatic: **IEC 60068**, Flammability: **IEC 60695**, Weather resistance: **ISO 4892**.