



Product Service

CERTIFICATE

No. B 085127 0015 Rev. 02

Holder of Certificate: **Wuxi Betteri Electronic Technology Co., LTD**
5-1, #11, Jinshan Rd. Branch#IV
Wuxi Optoelectronic Material
Science&Technology Park
214037 Wuxi
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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704072501501-02

Valid until: 2030-09-11

Date, 2025-09-12

(Yaqu Alex Liu)

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Model(s):

BC01-3M22-15, BC01-3F22-15, BC01-3M22-05,
BC05-ML3-32A, BC05-BR3-12A, BC05A-ML3-40A,
BC05A-BR3-12A, BC05A-BR3M-01, BC05A-BR3M-02

Parameters:

Rated Voltage:

250VAC for BC01-3M22-15, BC01-3F22-15, BC01-3M22-05;
300VAC for BC01B-WMC-C, BC01B-WMC-S, BC01B-WFC-C,
BC01B-WFC-S, BC01B-OMC-C, BC01B-OMC-S,
BC01B-OFC-C, BC01B-OFC-S BC05-ML3-32A,
BC05-BR3-12A, BC05A-ML3-40A,
BC05A-BR3-12A, BC05A-BR3M-01,
BC05A-BR3M-02;

Rated current:

See table 1

Class (IEC 61140):

II

Degree of Protection:

IP68(1m, 1h)

Ambient Temperature:

-40°C ~ +85°C

Material of cable glands:

Non-metallic

Sealing system:

With a single-orifice seal

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Remark:

1. BC01-3M22-15 is used for BC01's
Cable Terminal Male Connector,
BC01-3F22-15 is used for BC01's
Cable Terminal Female Connector,
BC01-3M22-05 is used for BC01's
Onboard Male Connector,
BC05-ML3-32A is used for BC05's Trunk Connector,
BC05-BR3-12A is used for BC05's Cable
Terminal By-pass Female Connector,
BC05A-ML3-40A is used for BC05A's Trunk Connector,
BC05A-BR3-12A is used for BC05A's
Cable Terminal By-pass Female Connector,
BC05A-BR3M-01 is used for BC05A's
Field Male Connector(Crimping),
BC05A-BR3M-02 is used for BC05A's
Field Male Connector(Screw)
BC01B-WMC-C is used for BC01B's
Wireable Male Connector (Crimping),
BC01B-WMC-S is used for BC01B's
Wireable Male Connector (Screw wiring),
BC01B-WFC-C is used for BC01B's
Wireable Female Connector (Crimping),
BC01B-WFC-S is used for BC01B's
Wireable Female Connector (Screw wiring),
BC01B-OMC-C is used for BC01B's
Onboard Male Connector (Crimping),
BC01B-OMC-S is used for BC01B's
Onboard Male Connector (Screw wiring),
BC01B-OFC-C is used for BC01B's
Onboard Female Connector (Crimping),
BC01B-OFC-S is used for BC01B's
Onboard Female Connector (Screw wiring).
2. BC01-3F22-15 can mate with BC01-3M22-15
or BC01-3M22-05,
BC05-ML3-32A can mate with BC05-BR3-12A,
BC05A-ML3-40A can mate with BC05A-BR3-12A,
BC05A-BR3-12A can mate with BC05A-BR3M-01
or BC05A-BR3M-02.
BC01B-WMC-C/BC01B-WMC-S/BC01B-OMC-C/
BC01B-OMC-S can mate with
BC01B-WFC-C/BC01B-WFC-S/BC01B-OFC-C/
BC01B-OFC-S

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Table 1

Model	Type	Factroy name	Rated current
BC01-3M22-15	Cable Terminal Male Connector,	Wuxi Betteri Electronic Technology Co., LTD	35A (with cord 6mm ²), 25A (with cord 4mm ²), 20A (with cord 2.5mm ²)
BC01-3F22-15	Cable Terminal Female Connector	Wuxi Betteri Electronic Technology Co., LTD	35A (with cord 6mm ²), 25A (with cord 4mm ²), 20A (with cord 2.5mm ²)
BC01-3M22-05	Onboard Male Connector	Wuxi Betteri Electronic Technology Co., LTD	35A (with cord 6mm ²), 25A (with cord 4mm ²), 20A (with cord 2.5mm ²)
BC01B-WMC-C	Wireable Male Connector (Crimping)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-WMC-S	Wireable Male Connector (Screw wiring)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-WFC-C	Wireable Female Connector (Crimping)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-WFC-S	Wireable Female Connector (Screw wiring)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-OMC-C	Onboard Male Connector (Crimping)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-OMC-S	Onboard Male Connector (Screw wiring)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-OFC-C	Onboard Female Connector (Crimping)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)
BC01B-OFC-S	Onboard Female Connector (Screw wiring)	Wuxi Betteri Electronic Technology Co., LTD	16A (with cord 2.5mm ²)

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BC05-ML3-32A	Trunk Connector	Wuxi Betteri Electronic Technology Co., LTD	40A for main current (with cord 6mm ²), 12A for by-pass (with cord 1.5mm ²)
BC05-BR3-12A	Cable Terminal By-pass Female Connector	Wuxi Betteri Electronic Technology Co., LTD	12A with cord 1.5mm ²
BC05A-ML3-40A	Trunk Connector	Wuxi Betteri Electronic Technology Co., LTD	40A for main current (with cord 6mm ²), 12A for by-pass (with cord 1.5mm ²)
BC05A-BR3-12A	Cable Terminal By-pass Female Connector	Wuxi Betteri Electronic Technology Co., LTD	12A with cord 1.5mm ²
BC05A-BR3M-01	Field Male Connector (Crimping)	Wuxi Betteri Electronic Technology Co., LTD	12A with cord 1.5mm ²
BC05A-BR3M-02	Field Male Connector (Screw)	Wuxi Betteri Electronic Technology Co., LTD	12A with cord 1.5mm ²

Tested according to: IEC 61984:2008
EN 61984:2009
EN 62444:2013