

EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

## CERTIFICATE OF CONFORMITY

FULLNESS EXAMINATION OF TECHNICAL FILE
Certificate No.
: CN.CE.1411-03/15
Issue Date
: 10/03/2015
: TIANJIN GENEUO TECHNOLOGY CO., LTD. / TECHNOLOGY AVENUE, SOUTH JINGHAI ECONOMIC DEVELOPMENT AREA, TIANJIN, CHINA
: Same as applicant
(Name \& Address)
Test Report Nos.
Product Description
Model(s)
Directive(s)
Standard(s)
: SHBST141220120024749350YER-1

## JUNCTION BOX

 JB SERIES (TECHNICAL SPECIFICATIONS IN ANNEX I): Electromagnetic Compatibility Directive 2004/108/EC
: EN 61000-6-2:2005, EN 61000-6-4:2007+A1:2011

This is to attest that, upon the relevant application of TIANJIN GENEUO TECHNOLOGY CO., LTD., EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the basic health and safety prerequisites of above mentioned Directive(s).

## Note:

- The manufacturer should issue a EC Declaration of Conformity according to the basic requirements of the applicable and relevant EC directives.
- The holder of the certificate shall use it in connection with the EC declaration of conformity.
- The CE marking can be affixed on the above mentioned product with the manufacturer's responsibility, if all relevant and applicable EC directives are complied with.
- All modifications to the Technical File should be first submitted to the Third Party Inspection Authority to ensure further validity of this attestation.
- This certificate is valid only for the product and configuration described above.


Third Party=Authority Stamp



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ANNEX I
Technical Description
CN.CE.1411-03/15
TIANJIN GENEUO TECHNOLOGY CO., LTD.

| Type | Max Current TOTAL (A) | Max Current PORT (A) | Quantity of Ports | Type of Output | Type of Ports | Type of Connector | $\begin{gathered} \text { LED } \\ \text { Indicator } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JB4M8-3-M12 | 6 | 2 | 4 | single output | M8 | M12 | No |
| JB4M8-3P-M12 | 6 | 2 | 4 | single output | M8 | M12 | PNP LED |
| JB4M8-3N-M12 | 6 | 2 | 4 | single output | M8 | M12 | NPN LED |
| JB6M8-3-M16 | 6 | 2 | 6 | single output | M8 | M16 | No |
| JB6M8-3P-M16 | 6 | 2 | 6 | single output | M8 | M16 | PNP LED |
| JB6M8-3N-M16 | 6 | 2 | 8 | single output | M8 | M16 | NPN LED |
| JB8M8-3-M16 | 6 | 2 | 8 | single output | M8 | M16 | No |
| JB8M8-3P-M16 | 6 | 2 | 8 | single output | M8 | M16 | PNP LED |
| JB8M8-3N-M16 | 6 | 2 | 8 | single output | M8 | M16 | NPN LED |
| JB8M8-3-D2 | 6 | 2 | 8 | single output | M8 | Wires | No |
| JB8M8-3P-D2 | 6 | 2 | 8 | single output | M8 | Wires | PNP LED |
| JB8M8-3N-D2 | 6 | 2 | 8 | single output | M8 | Wires | NPN LED |
| JBW8M8-3-M16 | 6 | 2 | 8 | single output | M8 | M16 | No |
| JBW8M8-3P-M16 | 6 | 2 | 8 | single output | M8 | M16 | PNP LED |
| JBW8M8-3N-M16 | 6 | 2 | 8 | single output | M8 | M16 | NPN LED |
| JBW8M8-3-D2 | 6 | 2 | 8 | single output | M8 | Wires | No |
| JBW8M8-3P-D2 | 6 | 2 | 8 | single output | M8 | Wires | PNP LED |
| JBW8M8-3N-D2 | 6 | 2 | 8 | single output | M8 | Wires | NPN LED |
| JBW12M8-3-T | 6 | 2 | 12 | single output | M8 | M23 | No |
| JBW12M8-3P-T | 6 | 2 | 12 | single output | M8 | M23 | PNP LED |
| JBW12M8-3N-T | 6 | 2 | 12 | single output | M8 | M23 | NPN LED |
| JBW12M8-3-D2 | 6 | 2 | 12 | single output | M8 | Wires | No |
| JBW12M8-3P-D2 | 6 | 2 | 12 | single output | M8 | Wires | PNP LED |
| JBW12M8-3N-D2 | 6 | 2 | 12 | single output | M8 | Wires | NPN LED |
| JB4M12-4 | 9 | 2 | 4 | single output | M12 | M23 | No |
| JB4M12-4P | 9 | 2 | 4 | single output | M12 | M23 | PNP LED |
| JB4M12-4N | 9 | 2 | 4 | single output | M12 | M23 | NPN LED |
| JB4M12-4-D2 | 9 | 2 | 4 | single output | M12 | Wires | No |
| JB4M12-4P-D2 | 9 | 2 | 4 | single output | M12 | Wires | PNP LED |
| JB4M12-4N-D2 | 9 | 2 | 4 | single output | M12 | Wires | NPN LED |
| JB4M12-4-T | 9 | 2 | 4 | single output | M12 | M23 | No |
| JB4M12-4P-T | 9 | 2 | 4 | single output | M12 | M23 | PNP LED |
| JB4M12-4N-T | 9 | 2 | 4 | single output | M12 | M23 | NPN LED |
| JB4M12-4-J | 9 | 2 | 4 | single output | M12 | Terminal box | No |
| JB4M12-4P-J | 9 | 2 | 4 | single output | M12 | Terminal box | PNP LED |
| JB4M12-4N-J | 9 | 2 | 4 | single output | M12 | Terminal box | NPN LED |
| JB4M12-4-R | 9 | 2 | 4 | dual output | M12 | M23 | No |
| JB4M12-4P-R | 9 | 2 | 4 | dual output | M12 | M23 | PNP LED |
| JB4M12-4N-R | 9 | 2 | 4 | dual output | M12 | M23 | NPN LED |
| JB4M12-4-D2-R | 9 | 2 | 4 | dual output | M12 | Wires | No |
| JB4M12-4P-D2-R | 9 | 2 | 4 | dual output | M12 | Wires | PNP LED |
| JB4M12-4N-D2-R | 9 | 2 | 4 | dual output | M12 | civires | NPNLED |
| JB4M12-4-T-R | 9 | 2 | 4 | dual output | M12 | M23 | No |
| JB4M12-4P-T-R | 9 | 2 | 4 | dual output | M12 | M23 | PAP LED |
| JB4M12-4N-T-R | 9 | 2 | 4 | dual output | M12 | \%M23, | APN LED |
| JB4M12-4-J-R | 9 | 2 | 4 | dual output | M12 | Terminat $60 \times 1$ | $\geq \mathrm{No}$ |



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| JB4M12-4P-J-R | 9 | 2 | 4 | dual output | M12 | Terminal box | PNP LED |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JB4M12-4N-J-R | 9 | 2 | 4 | dual output | M12 | Terminal box | NPN LED |
| JB6M12-4 | 9 | 2 | 6 | single output | M12 | M23 | No |
| JB6M12-4P | 9 | 2 | 6 | single output | M12 | M23 | PNP LED |
| JB6M12-4N | 9 | 2 | 6 | single output | M12 | M23 | NPN LED |
| JB6M12-4-D2 | 9 | 2 | 6 | single output | M12 | Wires | No |
| JB6M12-4P-D2 | 9 | 2 | 6 | single output | M12 | Wires | PNP LED |
| JB6M12-4N-D2 | 9 | 2 | 6 | single output | M12 | Wires | NPN LED |
| JB6M12-4-T | 9 | 2 | 6 | single output | M12 | M23 | No |
| JB6M12-4P-T | 9 | 2 | 6 | single output | M12 | M23 | PNP LED |
| JB6M12-4N-T | 9 | 2 | 6 | single output | M12 | M23 | NPN LED |
| JB6M12-4-J | 9 | 2 | 6 | single output | M12 | Terminal box | No |
| JB6M12-4P-J | 9 | 2 | 6 | single output | M12 | Terminal box | PNP LED |
| JB6M12-4N-J | 9 | 2 | 6 | single output | M12 | Terminal box | NPN LED |
| JB6M12-4-R | 9 | 2 | 6 | dual output | M12 | M23 | No |
| JB6M12-4P-R | 9 | 2 | 6 | dual output | M12 | M23 | PNP LED |
| JB6M12-4N-R | 9 | 2 | 6 | dual output | M12 | M23 | NPN LED |
| JB6M12-4-D2-R | 9 | 2 | 6 | dual output | M12 | Wires | No |
| JB6M12-4P-D2-R | 9 | 2 | 6 | dual output | M12 | Wires | PNP LED |
| JB6M12-4N-D2-R | 9 | 2 | 6 | dual output | M12 | Wires | NPN LED |
| JB6M12-4-T-R | 9 | 2 | 6 | dual output | M12 | M23 | No |
| JB6M12-4P-T-R | 9 | 2 | 6 | dual output | M12 | M23 | PNP LED |
| JB6M12-4N-T-R | 9 | 2 | 6 | dual output | M12 | M23 | NPN LED |
| JB6M12-4-J-R | 9 | 2 | 6 | dual output | M12 | Terminal box | No |
| JB6M12-4P-J-R | 9 | 2 | 6 | dual output | M12 | Terminal box | PNP LED |
| JB6M12-4N-J-R | 9 | 2 | 6 | dual output | M12 | Terminal box | NPN LED |
| JB8M12-4 | 9 | 2 | 8 | single output | M12 | M23 | No |
| JB8M12-4P | 9 | 2 | 8 | single output | M12 | M23 | PNP LED |
| JB8M12-4N | 9 | 2 | 8 | single output | M12 | M23 | NPN LED |
| JB8M12-4-D2 | 9 | 2 | 8 | single output | M12 | Wires | No |
| JB8M12-4P-D2 | 9 | 2 | 8 | single output | M12 | Wires | PNP LED |
| JB8M12-4N-D2 | 9 | 2 | 8 | single output | M12 | Wires | NPN LED |
| JB8M12-4-T | 9 | 2 | 8 | single output | M12 | M23 | No |
| JB8M12-4P-T | 9 | 2 | 8 | single output | M12 | M23 | PNP LED |
| JB8M12-4N-T | 9 | 2 | 8 | single output | M12 | M23 | NPN LED |
| JB8M12-4-J | 9 | 2 | 8 | single output | M12 | Terminal box | No |
| JB8M12-4P-J | 9 | 2 | 8 | single output | M12 | Terminal box | PNP LED |
| JB8M12-4N-J | 9 | 2 | 8 | single output | M12 | Terminal box | NPN LED |
| JB8M12-4-R | 9 | 2 | 8 | dual output | M12 | M23 | No |
| JB8M12-4P-R | 9 | 2 | 8 | dual output | M12 | M23 | PNP LED |
| JB8M12-4N-R | 9 | 2 | 8 | dual output | M12 | M23 | NPN LED |
| JB8M12-4-D2-R | 9 | 2 | 8 | dual output | M12 | Wires | No |
| JB8M12-4P-D2-R | 9 | 2 | 8 | dual output | M12 | Wires | PNP LED |
| JB8M12-4N-D2-R | 9 | 2 | 8 | dual output | M12 | Wires | NPN LED |
| JB8M12-4-T-R | 9 | 2 | 8 | dual output | M12 | M23 | No |
| JB8M12-4P-T-R | 9 | 2 | 8 | dual output | M12 | M23 | PNP LED |
| JB8M12-4N-T-R | 9 | 2 | 8 | dual output | M12 | M23 | NPN LED |
| JB8M12-4-J-R | 9 | 2 | 8 | dual output | M12 | Terminal box | No |
| JB8M12-4P-J-R | 9 | 2 | 8 | dual output | M12 | Terminal box | PNP LED |
| JB8M12-4N-J-R | 9 | 2 | 8 | dual output | M12 | Terminal box | NPN LED |
| JB8MNK-DN | 9 | 9 | 9 | Single output | 7/8" | [17\| 718 | No |
| JB8MENK-DN/ES | 4 | 4 | 9 | Single output | $7 / 8$ "and M | 718 | No |
| JB8ENK-DN | 9 | 4 | 9 | Single output | 7/8"and/M | 718 | No |
| JB6ENK-DN | 9 | 4 | 7 | Single output | 7/8"and N | 18 | No |

