

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
2. **Certificate No:** FM18US0323X
3. **Equipment:** Series JX. Junction Module.
(Type Reference and Name)
4. **Name of Listing Company:** Neles USA Inc. dba StoneL
5. **Address of Listing Company:** 26271 US Hwy 59
Fergus Falls MN 56537
United States
6. The examination and test results are recorded in confidential report number:

PR449667 dated 19th February 2019
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Approvals Class 3600:2018, FM Approvals Class 3611:2018; FM Class 3615:2018, FM Approvals Class 3616:2011, FM Approvals Class 3810:2005, ANSI/UL 60079-0:2013, ANSI/UL 60079-1:2015; ANSI/UL 50:2015, ANSI/UL 50E:2015, and ANSI/IEC 60529:2004 (R2011)
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the component as examined, tested and Approved.

Certificate issued by:

J.E. Marquedant
VP, Manager, Electrical Systems

22 December 2020

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

SCHEDULE



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10. Equipment Ratings:

Explosionproof for Class I, Division 1, Groups BCD, T5
Dust-Ignitionproof for Class II / III, Division 1, Groups EFG, T5
Nonincendive for Class I / II / III, Division 2, Groups ABCDEFG, T5
Flameproof for Class I, Zone 1, AEx db IIC T5 Gb
Nonincendive for Class I, Zone 2, Group IIC T5 Gc
Type 4 / 4X / 6 / IP66 / IP67
-40°C ≤ Ta ≤ +80°C

See equipment details for specific hazardous location ratings. Some models are not available with all ratings. Some models have a more limited ambient temperature range.

11. The marking of the equipment shall include:

Hazardous location ratings per Section 12
Ambient temperature rating
Manufacturer's name and address
Type number
Serial Number
Date Code
Electrical ratings

12. **Description of Equipment:**

The Series JX Junction Module provides a robust enclosure containing bus networking components and other bus wiring connection applications. Function modules include No Module 000, Terminal Block B12, passive drop connector T__, Protected drop connectors, P__, Switched drop connectors S__, ASI Repeaters X__, Digital Bus modules M__, and relay modules R__ and I__. The aluminum or stainless steel base provides female ½ NPT, ¾ NPT, or M20 threaded entries for field wiring. The O-Ring sealed cover can be aluminum, stainless steel, or clear polymeric.

JXa11cdef. Junction Module.

XP / I / 1 / BCD / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
DIP / II-III / 1 / EFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
NI / I-II-III / 2 / ABCDEFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
I / 1 / AEx db IIC T5 Gb; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
I / 2 / IIC / T5 Gc; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C

- a = Function module B12, T02, T04, T06, T08, P02, P04, P06, P08, S02, S04, S06, S08, X02, X05, M92, M93, M94, M96, M97, R92, R96, R97, I92, I96, or I97.
- c = Enclosure E or S.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.

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US Certificate of Conformity No: FM18US0323X

JXa11cdef. Junction Module.

XP / I / 1 / BCD / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C
DIP / II-III / 1 / EFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C
NI / I-II-III / 2 / ABCDEFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C
I / 1 / AEx db IIC T5 Gb; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C
I / 2 / IIC / T5 Gc; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C

- a = Function module X00, X01, and X06.
- c = Enclosure E or S.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.

JX00011cdef. Junction Module.

XP / I / 1 / BCD / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
DIP / II-III / 1 / EFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
I / 1 / AEx db IIC T5 Gb; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C

- c = Enclosure E or S.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.

JXa11cdef. Junction Module.

NI / I-II-III / 2 / ABCDEFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C
I / 2 / IIC / T5 Gc; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C

- a = Function module B12, T02, T04, T06, T08, P02, P04, P06, P08, S02, S04, S06, S08, X02, X05, M92, M93, M94, M96, M97, R92, R96, R97, I92, I96, or I97.
- c = Enclosure C or Y.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

1. None.

JXa11cdef. Junction Module.

NI / I-II-III / 2 / ABCDEFG / T5; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C
I / 2 / IIC / T5 Gc; Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +60°C

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US Certificate of Conformity No: FM18US0323X

- a = Function module X00, X01, and X06.
- c = Enclosure C or Y.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

- 1. None.

JX00011cdef. Junction Module.

Type 4 / 4X / 6 / IP66 / IP67; Ta = -40 °C to +80°C

- c = Enclosure E or S.
- d = Junction 03, 06, 09, 0N, 0M, or 0T.
- e = Branding A or M.
- f = Options not affecting electrical or explosion safety (up to 5 alpha-numeric digits).

Specific Conditions of Use:

- 1. None.

13. **Specific Conditions of Use:**

Refer to Section 12 above.

14. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

16. **Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
19 th February 2019	Original Issue.
22 nd December 2020	<u>Supplement 01:</u> Report Reference: PR449663-RR226052 dated 22 nd December 2020. Description of the Change: <ul style="list-style-type: none">• Update of company name.• Minor updates to protected drop modules

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