IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx FMG 18.0032X**

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Certificate history:
Issue 0 (2019-01-02)

Status: **Current**

Issue No: 1

Date of Issue: 2020-12-22

Applicant: **Neles USA Inc. dba StoneL**
26271 US Hwy 59
Fergus Falls MN 56537
United States of America

Equipment: **Series JX Junction Module**

Optional accessory:

Type of Protection: **Flameproof enclosure "d", Protection by enclosure "t"**

Marking: Ex db IIC T5 Gb (Ta = -40 °C to +80 °C‡)

Ex tb IIIC T100°C Db (Ta = -40 °C to +70 °C‡)

‡ Function Modules X00, X01, & X06 are limited to +60 °C

Approved for issue on behalf of the IECEx Certification Body: **J. E. Marquedant**

Position: **VP, Manager - Electrical Systems**

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America

FM Approvals
Member of the FM Global Group

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Date of issue: 2020-12-22 Issue No: 1

Manufacturer: **Neles USA Inc. dba StoneL**
26271 US Hwy 59
Fergus Falls MN 56537
United States of America

Additional manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/FMG/ExTR18.0027/00 US/FMG/ExTR18.0027/01

Quality Assessment Report:

GB/FME/QAR20.0004/00

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

JXa11cdef, Junction Module

a = Function module T02, T04, T06, T08, P02, P04, P06, P08, S02, S04, S06, S08, 000, B12, X00, X01, X02, X05, X06, M92, M93, M94, M96, M97, R92, R96, R97, I92, I96, or I97.

c = Enclosure R or T

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: YES as shown below:

1. Consult the manufacturer if dimensional information on the flameproof joints is necessary.
2. The Series JX shall not be applied in an explosive dust atmosphere where high electrostatic charging processes are present that could result in propagating brush discharges. See IEC TS60079-32-1 for additional guidance.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Minor changes to resistor values on protected drop assemblies. The only other change is related to ATEX, where the Notified Body was changed from 1725 to 2809.