



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 SIR 12.0107**

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Certificate history:

Status: **Current**

Issue No: 2

Issue 1 (2014-08-01)

Issue 0 (2013-04-29)

Date of Issue: 2020-02-26

Applicant: **Killark, A Div. of Hubbell Inc. (Delaware)**
2112 Fenton Logistics Park Blvd.
Fenton
Missouri 63026
United States of America

Equipment: **GEB Junction Boxes**

Optional accessory:

Type of Protection: **Flameproof and Dust**

Marking:
Ex d IIC T* Gb
Ex t III C T** °C Db
Ta = -40°C to +***°C

Refer to Equipment for ,T*, T**, Cable entry, Ambient Range ***.

Approved for issue on behalf of the IECEx
Certification Body:

Neil Jones

Position:

Certification Manager

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:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom





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Manufacturer: **Killark, A Div. of Hubbell Inc. (Delaware)**
2112 Fenton Logistics Park Blvd.
Fenton
Missouri 63026
63113
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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

IEC 60079-31:2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition:1

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:

[GB/SIR/ExTR13.0085/01](#)

[GB/SIR/ExTR19.0168/00](#)

Quality Assessment Report:

[GB/SIR/QAR16.0021/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Marking (continued)

Power (W)	Ambient, Ta & Cable entry			
	T6/T85 °C	T5/T100 °C	T4/T135 °C	T3/T200 °C
20	Ta 48°C Cable entry; 79 °C	Ta 63°C Cable entry; 94 °C	Ta 98°C Cable entry; 129 °C	Ta 163°C Cable entry; 194 °C
30	N/A	Ta 50°C Cable entry; 92 °C	Ta 85°C Cable entry; 127 °C	Ta 150°C Cable entry; 191 °C
40	N/A	Ta 38°C Cable entry; 91 °C	Ta 73°C Cable entry; 126 °C	Ta 138°C Cable entry; 190 °C

Refer to EQUIPMENT (continued) for equipment description.

SPECIFIC CONDITIONS OF USE: NO



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Equipment (continued):

The GEB Junction Boxes utilise the GEB Enclosure, certified under IECEx SIR 12.0106U which is constructed from cast aluminium alloy and comprises a cylindrical base and threaded cover assembly, secured via a set screw. The GEB range of enclosures have up to five conduit openings, in entry sizes detailed as follows:

Entry size	
NPT	Metric
1/2"-14	M20x1.5
3/4"-14	M25x1.5
1"-11 1/2	M32x1.5
1-1/4"-11 1/2	M40x1.5
1-1/2" -11 1/2	M50x1.5

The GEB Junction Boxes are fitted with terminal blocks and have a minimum internal free volume of 190 cm³ when populated.

Suitably certified Ex d IIC Gb/Ex t III C Db (minimum) entry devices suitable for an ambient temperature range as marked, may be fitted.

Internal earth facilities and external earth bonding is via internal/external screw and split lock washer assemblies.

The GEB Junction Boxes have an IP 66 ingress protection rating in accordance with IEC 60529



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

This issue, Issue 2, recognises the following change; refer to the certificate annex to view a comprehensive history:

1. The certificate holders address was changed:
From: 3940 Dr. Martin Luther King Drive Saint Louis Missouri 63113 USA
To: 2112 Fenton Logistics Park Blvd., Fenton Missouri 63026 USA

Annex:

[IECEx SIR 12.0107 annexe Issue 2.pdf](#)

Annexe to: IECEx SIR 12.0107 Issue 2
Applicant: Killark, Div. of Hubbell Inc. (Delaware)
Apparatus: GEB Junction Boxes



Full certificate change history

Issue 1 – this Issue introduced the following change:

1. Issued to allow GB/SIR/ExTR13.0085/01 to replace GB/SIR/ExTR13.0085/00

Issue 2 – this Issue introduced the following change:

1. The certificate holders address was changed:
From: 3940 Dr. Martin Luther King Drive Saint Louis Missouri 63113 USA
To: 2112 Fenton Logistics Park Blvd., Fenton Missouri 63026 USA