



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 14ATEX3156U** Issue: **3**

4 Component: **SJIC/SJICH and USF Enclosures**

5 Applicant: **Killark, A Div. of Hubbell . (Delaware)**

6 Address: **2112 Fenton Logistics Park Blvd.  
Fenton  
Missouri 63026  
United States of America**

7 This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012

EN 60079-7:2007

IEC 60079-31:2013 Ed 2

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2 G D  
Ex e IIC Gb  
Ex tb IIIC Db

Project Number 80004511

Signed: J A May

Title: Director of Operations

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CSA Group Netherlands B.V.  
Utrechtseweg 310,  
6812 AR, Arnhem,  
Netherlands



## SCHEDULE

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#### 13 DESCRIPTION OF COMPONENT

The Type SJIC/SJICH and USF enclosures utilise Carbon Steel or stainless steel Grade 304 and Grade 316 which may optionally be powder coated.

The Type SJIC enclosures consist of a main body and a screw cover, the SJICH consist of a main body and a combination hinge/screw cover and the Type USF enclosures consist of a main body and a hinged cover secured by latch fasteners. Gland plates may be utilised within the side walls of each type of enclosure and mounting feet/brackets are provided.

The enclosures provide an ingress protection rating of IP 66.

All enclosures have an internal and external earth facility and the gaskets utilised between the lid and main body are manufactured from silicone.

The enclosures may be manufactured in the following sizes:

Table 1: SJIC/SJICH Enclosures:

Type Reference	Height (mm)	Width (mm)	Depth (mm)
SJIC*040403	102	102	76
SJIC*060403	152	102	76
SJIC*040404	102	102	102
SJIC*060404	152	102	102
SJIC /SJICH *060604	152	152	102
SJIC /SJICH *080804	203	203	102
SJIC /SJICH *100804	254	203	102
SJIC /SJICH *121005	305	254	127
SJIC /SJICH *060606	152	152	152
SJIC /SJICH *080606	203	152	152
SJIC /SJICH *080806	203	203	152
SJIC /SJICH *100806	254	203	152
SJIC /SJICH *101006	254	254	152
SJIC /SJICH *121006	305	254	152
SJIC /SJICH *121206	305	305	152
SJIC /SJICH *141206	356	305	152
SJIC /SJICH *161406	406	356	152

Table 2: USF Enclosures:

Type Reference	Height (mm)	Width (mm)	Depth (mm)
USF121206	305	305	152
USF161206	406	305	152
USF161606	406	406	152
USF162006	406	508	152
USF122006	305	508	152
USF201606	508	406	152
USF202006	508	508	152
USF241606	610	406	152
USF242006	610	508	152

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Type Reference	Height (mm)	Width (mm)	Depth (mm)
USF242406	610	610	152
USF161208	406	305	203
USF161608	406	406	203
USF162008	406	508	203
USF201608	508	406	203
USF241608	610	406	203
USF202008	508	508	203
USF242008	610	508	203
USF302008	762	508	203
USF202408	508	610	203
USF242408	610	610	203
USF302408	762	610	203
USF362408	914	610	203
USF243008	610	762	203
USF303008	762	762	203
USF363008	914	762	203
USF363608	914	914	203
USF161210	406	305	254
USF161610	406	406	254
USF162010	406	508	254
USF201610	508	406	254
USF202010	508	508	254
USF202410	508	610	254
USF241610	610	406	254
USF242010	610	508	254
USF242410	610	610	254
USF243010	610	762	254
USF302010	762	508	254
USF302410	762	610	254
USF303010	762	762	254
USF362410	914	610	254
USF363010	914	762	254
USF363610	914	914	254
USF423610	1067	914	254
USF482410	1219	610	254
USF483610	1219	914	254
USF603610	1219	914	254
USF202012	508	508	305
USF242012	610	508	305
USF242412	610	610	305
USF302412	762	610	305
USF303012	762	914	305
USF362412	914	610	305
USF402412	1016	610	305

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Type Reference	Height (mm)	Width (mm)	Depth (mm)
USF363012	914	762	305
USF363612	914	914	305
USF482412	1219	610	305
USF423612	1067	914	305
USF483612	1219	914	305
USF603612	1219	914	305
USF242416	610	610	406
USF363016	914	762	406
USF483616	1219	914	406
USF242420	610	610	508
USF302420	762	610	508
USF363020	914	762	508

Tables 1 and 2 represent the standard sizes of enclosures. Non-standard size enclosures are permitted, provided that they fall between the sizes listed in the Tables. Larger or smaller enclosures than those listed, are not permitted. Distances between the fastening mechanisms of the enclosures are to be no larger than that covered by this Certification.

**Variation 1** - This variation introduced the following changes:

- i. Changes to hole sizes and spacing for SJIC/SJICH and USF Enclosures
- ii. Report R70086115A replaces R70005147A

**Variation 2** – This variation introduced the following changes:

- i. 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

**1414 DESCRIPTIVE DOCUMENTS**

**14.1 Drawings**

Refer to Certificate Annexe.

**14.2 Associated Sira Reports and Certificate History**

Issue	Date	Report number	Comment
0	23 September 2014	R70005147A	The release of the prime certificate.



## SCHEDULE

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Issue	Date	Report number	Comment
1	18 November 2016	R70086115B	This Issue covers the following changes: <ul style="list-style-type: none"><li>• EC-Type Examination Certificate in accordance with 94/9/EC updated to EU-Type Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC-Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i></li><li>• The introduction of Variation 1.</li></ul>
2	15 October 2019	1111	Transfer of certificate Sira 14ATEX3156U from Sira Certification Service to CSA Group Netherlands B.V.
3	26 February 2020	R80004511A	The introduction of Variation 2.

#### 15 SCHEDULE OF LIMITATIONS

15.1 The range of enclosures shall only be used in a service temperature range of -55°C to +135°C.

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

# Certificate Annexe



Certificate Number: Sira 14ATEX3156U

Component: SJIC/SJICH and USF Enclosures

Applicant: Killark, A Div. of Hubbell . (Delaware)

## Issue 0

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
50429	1 of 1	A	18 Sep 14	Nameplate USF Series for component empty enclosures
50431	1 of 1	A	18 Sep 14	Nameplate SJIC/H Series for component empty enclosures
50440	1 to 2	A	18 Sep 14	SJIC series enclosure only assembly ATEX/IECEx component certified
50441	1 to 2	A	18 Sep 14	SJICH series enclosure only assembly ATEX/IECEx component certified
50442	1 to 6	A	18 Sep 14	Dimensional data for USF series enclosures only
50442	2 to 6	A	18 Sep 14	USF Series Ex certified component enclosures gland plates assembly
50442	3 to 6	A	18 Sep 14	USF Series Ex certified component enclosure assembly
50442	4 to 6	A	18 Sep 14	Ex certified component enclosure with gland plates
50442	5 to 6	A	18 Sep 14	Cover critical dimensions for USF series Ex certified component enclosure assembly
50442	6 to 6	A	18 Sep 14	Box critical dimensions for USF series Ex certified component enclosure assembly
KECB-631	1 of 1	A	17 Sep 14	USF, SJIC, SJICH conduit/cable entry hole centre chart ATEX/IECEx component certified
50003	2 of 2	A	18 Sep 14	Standard ¼ turn 316 S.S latch assembly EMKA

## Issue 1

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
KECB-631	1 of 1	B	02-Sep-16	USF, SJIC, SJICH conduit/cable entry hole centre chart ATEX/IECEx component certified

Issue 2. No new drawings were introduced.

## Issue 3.

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
B-50431	2 of 2	B	22 Nov 19	Nameplate SJIC/H Series for Ex Certified Component Enclosures

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