



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 16ATEX3262** Issue: **3**

4 Equipment: **USF-CS, SJIC-CS and SJICH-SC Series increased Safety Control Stations**

5 Applicant: **Hubbell . - Killark Div.**

6 Address: **2112 Fenton Logistics Park Blvd.,
Fenton
Missouri 63026
USA**

7 This equipment 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 equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment 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/A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-18:2015
EN 60079-31:2014

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

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

12 The marking of the equipment shall include the following:

Refer to Section 13.

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 EQUIPMENT

The marking of the equipment shall include the following:

CZ0205-Series Meter Not Fitted	CZ0205-Series Ammeter Fitted	CZ0205-Series Voltmeter Fitted (With Or Without An Ammeter)
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II 2GD
Ex db eb IIC T6...T4 Gb
Ex tb IIIC T80...100°C Db



II 2GD
Ex db eb IIC T6...T5 Gb
Ex tb IIIC T80...95°C Db



II 2GD
Ex db eb mb IIC T6...T5 Gb
Ex tb IIIC T80...95°C Db

Ambient range when no pilot light is fitted:

- 50°C to +40°C (when marked with T6/T80°C) (Notes 1 and 2)
- 50°C to +55°C (when marked with T5/T95°C) (Notes 1 and 2)
- 50°C to +60°C (when marked with T4/T100°C) (Notes 1 and 2)

Ambient range when pilot light is fitted:

- 50°C to +40°C (when marked with T6/T80°C) (Notes 1 and 2)
- 50°C to +55°C (when marked with T5/T95°C) (Notes 1 and 2)

- Notes
- 1 - More restrictive ambient ranges apply when certain terminals are fitted; refer to drawing 51198.
 - 2 - When a CZ0205-series meter is installed, the ambient range is restricted to -40°C to +55°C, a T4 temperature class is not permitted and the dust temperatures are T80°C and T95°C only.

The Type SJIC/SJICH and USF junction boxes utilise carbon steel or stainless steel Grade 304 and grade 316 component-certified enclosures that provide an ingress protection rating of IP66 and may optionally be powder-coated.

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

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

The enclosures may be fitted with combinations of suitably certified internal devices mounted in the door of the enclosure. The permitted devices are as follows:

Manufacturer	Type reference	ATEX Certificate
Killark	HKH-series actuators	DEMKO 14 ATEX 1400U
Killark	HKH-series contact blocks	DEMKO 12 ATEX 1202251U
Killark	HKH-series pilot lights	DEMKO 14 ATEX 1137U
CZ	1 A ammeter and 500 V voltmeter	Sira 14ATEX3169U issue 0
CZ	EXM calotte (protective window)	Sira 15ATEX3333U issue 0

The enclosures may be fitted with combinations of suitably certified terminals mounted to DIN rails, which are then attached to either mounting channels or a sub-panel secured to studs in the rear of the enclosure. The permitted terminal types are as follows:

Manufacturer	Type reference	Style	ATEX Certificate
Weidmuller	WDU	Screw	KEMA 98ATEX1683U
Weidmuller	WDU	Screw	

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Manufacturer	Type reference	Style	ATEX Certificate
			KEMA 01ATEX2186U, KEMA 08ATEX0014U, KEMA 98ATEX1686U, KEMA 99ATEX6545U, SIRA 02ATEX3153U, SIRA 02ATEX3242U, SIRA 02ATEX3242U
Weidmuller	ZDU	Cage clamp	KEMA 97ATEX4677U
Weidmuller	ZDU	Cage clamp	KEMA 97ATEX2755U, KEMA 99ATEX5514U, KEMA 97ATEX2521U, KEMA 01ATEX2106U, KEMA 00ATEX2107U
Weidmuller	PDU	Spring (push in)	KEMA 06ATEX0177U
Klemsan Elektrik	AVK	Screw	FTZU 10ATEX0071U
Klemsan Elektrik	MVK	Screw	FTZU 09ATEX0252U
Klemsan Elektrik	PIK	Screw	FTZU 09ATEX0252U
Klemsan Elektrik	PUK	Screw	FTZU 09ATEX0252U
Klemsan Elektrik	PYK	Cage clamp	FTZU 09ATEX0252U
ABB	ZS	Screw	LCIE 08ATEX0007U
ABB	ZK	Cage clamp	LCIE 13ATEX3042U
WAGO	2001-****	Cage clamp	PTB 05ATEX1094U
WAGO	2002-****	Cage clamp	PTB 03ATEX1162U
WAGO	2004-****	Cage clamp	PTB 05ATEX1095U
WAGO	2006-****	Cage clamp	PTB 05ATEX1030U
WAGO	2010-****	Cage clamp	PTB 05ATEX1070U
WAGO	2016-****	Cage clamp	PTB 05ATEX1031U
Phoenix	UKH	Screw	KEMA 98ATEX1786U KEMA 99ATEX8332U
Phoenix	UT	Screw	KEMA 04ATEX2048U KEMA 06ATEX0017U
Phoenix	PT	Push in	PTB 09ATEX1111U PTB 09ATEX1112U
Phoenix	ST	Cage clamp	KEMA 01ATEX2129U, KEMA 00ATEX2052U, KEMA 01ATEX2260U
Phoenix	QT	Cage clamp	KEMA 04ATEX2226U, KEMA 03ATEX2557U, KEMA 05ATEX2148U
Phoenix	UK	Screw	KEMA 96ATEX4370U, KEMA 06ATEX0119U KEMA 98ATEX1651U, KEMA 98ATEX1786U, KEMA 99ATEX4487U, KEMA 96ATEX4370U



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Variation 1 - This variation introduced the following changes:

- i. The introduction of CZ0205-series meters (1 A ammeter and 500 V voltmeter only) with EXM protective glass covers as optional cover-mounted devices, requiring the addition of 'mb' to the marking, inclusion of EN 60079-18:2015 in the list of applicable standards, a new Condition of Manufacture and a change to the product description.
- ii. Replacement of IEC 60079-31:2013 by EN 60079-31:2014 in the list of applicable standards.

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

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	07 November 2016	R70089873A	The release of the prime certificate.
1	18 January 2017	R70108996A	The introduction of Variation 1.
2	15 October 2019	1054	Transfer of certificate Sira 16ATEX3262 from Sira Certification Service to CSA Group Netherlands B.V.
3	26 February 2020	R80004511A	The introduction of Variation 2.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 None

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 16ATEX3262
Equipment: USF-CS, SJIC-CS and SJICH-SC Series
increased Safety Control Stations
Applicant: Hubbell . - Killark Div.

Issue 0

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
51198	1 of 1	A	24 Oct 16	Schedule drawing
51199	1 of 1	A	24 Oct 16	Marking, IECEx/ATEX

Issue 1

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
51198	1 of 2	B	20 Dec 16	Schedule drawing
51198	2 of 2	A	20 Dec 16	Schedule drawing
51199	1 of 1	B	14 Dec 16	Marking, IECEx/ATEX

Issue 2. No new drawings were introduced.

Issue 3

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
51199	1 of 1	C	22 Nov 19	USF-CS, SJIC-CS and SJICH-CS Complete Control Station Nameplate Content Drawing

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