



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

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX UL 11.0014U** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2015-01-26\)](#)
[Issue 0 \(2011-04-28\)](#)
Date of Issue: 2021-11-04
Applicant: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 44135
United States of America
Ex Component: Increased Safety Window Assemblies
This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).
Type of Protection: **Increased Safety "e" and Protection by Enclosure "tb"**
Marking: Ex e IIC Gb
Ex tb III C Db IP66

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:

2021-11-04

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:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 44135
United States of America

Additional manufacturing locations: **Adalet/Scott Fetzer Co.**
201 Cunard Street
Cardington, OH 43315
United States of America

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

IEC 60079-7:2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

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/UL/ExTR11.0017/00](#)

[US/UL/ExTR11.0017/01](#)

Quality Assessment Reports:

[US/UL/QAR08.0003/10](#)

[US/UL/QAR16.0016/04](#)



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Ex Component(s) covered by this certificate is described below:

The EWK series of window assembly frames are manufactured of 304 stainless steel or 316 stainless steel and are available in various sizes as described below. The window assemblies consist of a window frame, retaining plate, gasket, tempered plate glass, hex nuts, and flat and lock washers. The EWK series window assemblies are intended for installation in increased safety 'e' enclosures and are secured with the hardware provided.

Please see Annex for additional information.

SCHEDULE OF LIMITATIONS:

- The window assemblies have only been evaluated for installation in increased safety "e" metal enclosures with a minimum IP rating of IP 66.
- The gasket and the window have been evaluated as being suitable for a maximum temperature of 95°C.
- The window kits shall be installed to a flat rigid surface using the mounting means provided.
- To minimize the risk of electrostatic charge, provisions shall be made for adequate grounding and equipment shall be installed in such a manner so that accidental discharge shall not occur.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: Updating to the latest standards, changing the service temperature range to -50°C to +95°C and upsating to protection type tb.

Issue 2: Adds Manufacturer Adalet/Scott Fetzer Co., Cardington, OH (US/UL/QAR16.0016/04). No ExTR revision for this update.

Annex:

[Annex to IECEx UL 11.0014U Issue 2.pdf](#)



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TYPE DESIGNATION

Nomenclature for the EWK Window Assemblies:

<u>EWK</u>	<u>-03</u>	<u>03</u>	<u>SS</u>
I	II	III	IV

I – Window Assembly designation
EWK Series

II – Window Viewing Area Length (in.)
Dash and Two Digit Number: -03, -05, -07, -09, -11, -13, -15, -17, -23, -24, -AA*

III – Window Viewing Area Width (in.)
Two Digit Number: 03, 05, 07, 08, 09, 11, 13, 15, 17, 24, BB*

IV – Material Designation

SS – 304 Stainless Steel
SS6 – 316L Stainless Steel

Where AA and BB are any two digit number manufactured in accordance with drawing no. DS680.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

ADALET		Ex e IIC Gb	Year <input type="text"/>
4801 West 150th Street, Cleveland, Ohio 44135 USA		Ex tb IIIC Db IP66	
Cat. No. <input type="text"/>		IECEx UL 11.0014U	
	Class I, Zone 1, AEx e IIC	0539 II 2 G Ex e IIC Gb	
	Ex e IIC U	0539 II 2 D Ex tb IIIC Db IP66	
	Class II, Div 2, Grp F&G	DEMKO 03 ATEX 0247663U	
AS TO EXPLOSION AND FIRE HAZARD ONLY. ENCLOSURE ACCESSORY FOR USE IN HAZARDOUS LOCATIONS. Type 4X, 12, 13 -50C<Ta<95C			W0471F