



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx UL 09.0013U issue No.:4
Status: **Current**
Date of Issue: **2015-01-30** Page 1 of 4

Certificate history:
Issue No. 4 (2015-1-30)
Issue No. 3 (2014-6-27)
Issue No. 2 (2012-6-29)
Issue No. 1 (2010-10-15)
Issue No. 0 (2009-6-14)

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

Electrical Apparatus: **Empty Terminal Enclosure**
Optional accessory:

Type of Protection: **Increased Safety "e," Dust "tb"**

Marking: Ex e IIC Gb (for VC, VH, VCND and VHND series)
Ex tb IIIC Db IP66 (for VC and VH series)

+50°C to +100°C

Approved for issue on behalf of the IECEx
Certification Body:

Paul T. Kelly

Position:

Principal Engineer, Global Hazardous Locations

Signature:
(for printed version)

Date:

2015-01-30

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 the [Official IECEx Website](http://www.iecex.com).

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 location
(s):

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 electrical apparatus 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 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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 Report:

[US/UL/ExTR09.0015/00](#)
[US/UL/ExTR09.0015/03](#)

[US/UL/ExTR09.0015/01](#)
[US/UL/ExTR09.0015/04](#)

[US/UL/ExTR09.0015/02](#)

Quality Assessment Report:

[US/UL/QAR08.0003/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The devices are empty increased safety and dust protected terminal enclosures constructed out of brushed finish 316L stainless steel and are available in various sizes and depths. The enclosures consist of a cover, hinge assembly, body, external and internal grounding lugs, gland plates, gaskets and welded mounting lugs. The enclosures may be mounted in a vertical or horizontal position.

See Annex for Nomenclature and Conditions of Safe Use.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Addition of new models.

Issue 2: Nomenclature was updated to increase the enclosure depth and to include a "U" to designate an empty enclosure. New latch construction was evaluated.

Issue 3: Updated to the latest standards and updated the dust protection technique to "tb".

Issue 4: Addition of the VCND and VHND models which are only suitable for gas atmospheres.

Annex for IECEx UL 09.0013U Issue 4:

Nomenclature:

VC4X6	09	06	05	H	U	A
I	II	III	IV	V	VI	VII

I. Basic Enclosure Designation

VC4X – Brushed Finish Stainless Steel 304
VC4X6 – Brushed Finish Stainless Steel 316L

VCND4X – Brushed Finish Stainless Steel 304
VCND4X6 – Brushed Finish Stainless Steel 316L

II. Enclosure Length

XX – Any two-digit number (30 maximum)

III. Enclosure Width

XX – Any two-digit number (30 maximum)

IV. Enclosure Depth

XX – Any two-digit number (16 maximum)

V. Mounting Feet

H – Horizontal
V – Vertical

VI. U – Empty Enclosure

VII. Gland Plate Location

A – Gland Plate on Top Side
B – Gland Plate on Bottom Side
C – Gland Plate on Left Side
D – Gland Plate on Right Side

VH4X6	10	10	06	U	A
I	II	III	IV	V	VI

I. Basic Enclosure Designation

VH4X – Brushed Finish Stainless Steel 304
VH4X6 – Brushed Finish Stainless Steel 316L

VHND4X – Brushed Finish Stainless Steel 304
VHND4X6 – Brushed Finish Stainless Steel 316L

II. Enclosure Length

XX – Any two-digit number (30 maximum)

III. Enclosure Width

XX – Any two-digit number (30 maximum)

IV. Enclosure Depth

XX – Any two-digit number (16 maximum)

V. U – Empty Enclosure

VI. Gland Plate Location

A – Gland Plate on Top Side
B – Gland Plate on Bottom Side
C – Gland Plate on Left Side
D – Gland Plate on Right Side