



# 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](http://www.iecex.com)

Certificate No.: **IECEx UL 15.0123U** issue No.: **0** Certificate history: \_\_\_\_\_

Status: **Current**

Date of Issue: **2016-03-09** Page 1 of 3

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

Equipment: **Flameproof Operators**  
Optional accessory:

Type of Protection: **Flameproof "db"**

Marking: **Ex db IIC Gb**

Approved for issue on behalf of the IECEx Certification Body: **Erin LaRocco**  
Position: **Senior Project Engineer**

Signature:  
(for printed version)

Date: 2016-03-09

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** Explosive atmospheres - Part 0: General requirements  
Edition: 6.0

**IEC 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 7.0

*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/ExTR15.0144/00](#)

Quality Assessment Report:

[US/UL/QAR08.0003/06](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The flameproof operators are utilized to complete a flameproof enclosure. The operators are threaded into a flameproof enclosure and utilize a shaft to attach an external operation device.

Please see Annex for additional information and Schedule of Limitations.

### CONDITIONS OF CERTIFICATION: NO

Annex to IECEx UL 15.0123U Issue 0

Applicant: Adalet/Scott Fetzer Co.

PUSH BUTTON CATALOG NUMBERS:

XHPB	PL
I	II

I	XHPB	PUSH BUTTON, STANDARD BUTTON, LONG
	XHPBS	PUSH BUTTON, STANDARD BUTTON, SHORT
	XHPBM	PUSH BUTTON, MUSHROOM HEAD BUTTON, LONG
	XHPBMS	PUSH BUTTON, MUSHROOM HEAD BUTTON, SHORT
II	PL	LOCKOUT DEVICE

PUSH PULL CATALOG NUMBERS

XHPPM	PUSH, PULL, LONG, STANDARD OPERATION
XHPPMS	PUSH, PULL, SHORT, STANDARD OPERATION
XHPPM-TTR	PUSH, PULL, LONG, TWIST TO RELEASE OPERATIONS
XHPPMS-TTR	PUSH, PULL, SHORT, TWIST TO RELEASE OPERATIONS

RECESSED RESET BUTTON CATALOG NUMBERS

XRBR	A
I	II

I	XRBR	RECESSED RESET BUTTON
II	A	ADDITIONAL LETTERS OR NUMBERS

KEYED SELECTOR SWITCH CATALOG NUMBERS

XHKSS	KEYED SELECTOR SWITCH, LONG, STANDARD ACTIVATION, 2 OR 3 POSITION (NO SPRING RETURN)
XHKSC	KEYED SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT AND RIGHT, 3 POSIITON
XHKSL	KEYED SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 3 POSITION
XHKSL2	KEYED SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 2 POSITION
XHSR	KEYED SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 3 POSITION
XHKSR2	KEYED SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 2 POSITION
XHKSSS	KEYED SELECTOR SWITCH, SHORT, STANDARD ACTIVATION, 2 OR 3 POSITION (NO SPRING RETURN)
XHKSSC	KEYED SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT AND RIGHT, 3 POSITION
XHKSSL	KEYED SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 3 POSITION

XHKSSL2	KEYED SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 2 POSITION
XHKSSR	KEYED SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 3 POSITION
XHKSSR2	KEYED SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 2 POSITION

SELECTOR SWITCH CATALOG NUMBERS

XHSR	PL
I	II

I	XHSS	SELECTOR SWITCH, LONG, STANDARD ACTIVATION, 2 OR 3 POSITION (NO SPRING RETURN)
	XHSC	SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT AND RIGHT, 3 POSITION
	XHSL	SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 3 POSITION
	XHSL2	SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 2 POSITION
	XHSR	SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 3 POSITION
	XHSR2	SELECTOR SWITCH, LONG, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 2 POSITION
	XHSSS	SELECTOR SWITCH, SHORT, STANDARD ACTIVATION, 2 OR 3 POSITION (NO SPRING RETURN)
	XHSSC	SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT AND RIGHT, 3 POSITION
	XHSSL	SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 3 POSITION
	XHSSL2	SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM LEFT, 2 POSITION
	XHSSR	SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 3 POSITION
	XHSSR2	SELECTOR SWITCH, SHORT, SPRING RETURN ACTIVATION TO CENTER FROM RIGHT, 2 POSITION
	II	PL

MULTI-POSITION SWITCH CATALOG NUMBERS

XSS	-	4P
I	II	III

I	XSSL	SELECTOR SWITCH, LONG
	XSSSS	SELECTOR SWITCH, SHORT
II	DASH	
III	ADDITIONAL LETTERS OR NUMBERS	

POTENTIOMETER CATALOG NUMBERS

XPO	POTENTIOMETER, LONG, STANDARD DIAL
XPOS	POTENTIOMETER, SHORT, STNADARD DIAL
XPOC	POTENTIOMETER, LONG, COUNTER DIAL
XPOCS	POTENTIOMETER, SHORT, COUNTER DIAL
XPOL	POTENTIOMETER, LONG, LARGE DIAL
XPOLS	POTENTIOMETER, SHORT, LARGE DIAL

RESET BUTTON CATALOG NUMBERS

XRB	A
I	II

I	XRB	RESET BUTTON, SHORT
	XRBL	RESET BUTTON, LONG
II	ADDITIONAL LETTERS AND NUMBERS	

DUAL PUSH BUTTON CATALOG NUMBERS

XHDPB	L
I	II

I	XHDPB	DUAL PUSH BUTTON, LONG, MOMENTARY CONTACT
	XHDPBS	DUAL PUSH BUTTON, SHORT, MOMENTARY CONTACT
	XHDMC	DUAL PUSH BUTTON, LONG, MAINTAINED CONTACT
	XHDMCS	DUAL PUSH BUTTON, SHORT, MAINTAINED
II	L	LOCKOUT DEVICE

COUPLING SHAFT CATALOG NUMBERS

XCS	2
I	II

I	XCS	COUPLING SHAFT
II	2	1/4 DIAMETER
	3	5/16 DIAMETER
	5	1/2 DIAMETER

INTERMEDIATE RESET BUTTON CATALOG NUMBERS

XIRB	INTERMEDIATE RESET BUTTON, LONG
XIRBS	INTERMEDIATE RESET BUTTON, SHORT

MINIATURE PUSH BUTTON CATALOG NUMBERS

XMOB	-	1
I	II	III

I	XMOB	MINIATURE PUSH BUTTON, LONG
	XMOBS	MINIATURE PUSH BUTTON, SHORT
II	DASH	
III	ADDITIONAL LETTERS AND NUMBERS	

MINIATURE RESET BUTTON CATALOG NUMBERS

XMORB	MINIATURE RESET BUTTON, LONG
XMORBS	MINIATURE RESET BUTTON, SHORT

MINIATURE SELECTOR SWITCH CATALOG NUMBERS

XMOS	-1
I	II

I	XMOS	MINIATURE SELECTOR SWITCH, LONG
	XMOSS	MINIATURE SELECTOR SWITCH, SHORT
II	ADDITIONAL LETTERS OR NUMBERS	

MINIATURE PILOT LIGHT CATALOG NUMBERS

XMOL	A	120V
I	II	III

I	XMOL	MINIATURE PILOT LIGHT
II	A	AMBER
	B	BLUE
	C	CLEAR
	G	GREEN
	R	RED
	W	WHITE
III	120V	120 VOLTS AC OR DC
	24V	24 VOLTS AC OR DC
	12V	12 VOLTS AC OR DC

PILOT LIGHT CATALOG NUMBERS

XLX	R	120	-	G
I	II	III	IV	V

I	XLX	PILOT LIGHT, LONG
	XLXS	PILOT LIGHT SHORT
II	A	AMBER
	B	BLUE
	C	CLEAR
	G	GREEN
	R	RED
	W	WHITE
III	120	VOLTAGE (12-120, 240)
IV	-	DASH
V	G	GUARDED CAP



LIGHTED PUSH BUTTON CATALOG NUMBERS

XLPX	A	X	12
I	II	III	IV

I	XLP	LIGHTED PUSH BUTTON, LONG
	XLPS	LIGHTED PUSH BUTTON, SHORT
II	A	AMBER
	B	BLUE
	C	CLEAR
	G	GREEN
	R	RED
	W	WHITE
III	X	
IV	12	VOLTAGE (12-120, 240)

LARGE BREAKER HANDLE CATALOG NUMBERS

XCBH2	-	1
I	II	III

I	XCBH2	BREAKER HANDLE
II	-	DASH
III	ADDITIONAL LETTER AND NUMBERS	

SMALL HANDLE CATALOG NUMBERS

X2PB	1	-H	GR1
I	II	III	IV

I	X2PB	SMALL HANDLE, PANELBOARD
II	ADDITIONAL LETTERS AND NUMBERS	
III	-H	
IV	ADDITIONAL LETTERS AND NUMBERS	

XCBH	21
I	II

I	XCBH	SMALL HANDLE, BREAKER
II	ADDITIONAL LETTERS AND NUMBERS	

XRSO1	1
I	II

I	XRSO1	SMALL HANDLE, ROTARY STYLE
II	ADDITIONAL LETTERS AND NUMBERS	

OPERATORS HANDLE CATALOG NUMBERS

XBO2	-	6
I	II	III

I	XBO2	OPERATOR HANDLE, LONG
	XBOS2	OPERATOR HANDLE, SHORT
II	-	DASH
III	ADDITIONAL LETTERS AND NUMBERS	

**Schedule of Limitations:**

- Repairs of flameproof joints are not permitted. If a flameproof joint is damaged please contact Adalet.
- WARNING: WIPE WITH DAMP CLOTH TO REDUCE THE POTENTIAL FOR ELECTRO-STATIC DISCHARGE.