

[1]

EU-TYPE EXAMINATION CERTIFICATE



[2]

Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3]

EU-Type Examination Certificate Number: **DEMKO 09 ATEX 0816570X Rev. 1**

[4]

Product: **XIFCX Control Stations**

[5]

Manufacturer: **Adalet/Scott Fetzer Co.**

[6]

Address: **4801 W 150th St., Cleveland, OH 44135 USA**

[7]

This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8]

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **US/UL/ExTR08.0030/01.**

[9]

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

[10]

If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

[11]

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

[12]

The marking of the product shall include the following:



II 2 G

Ex db IIB T6 Gb



II 2 G

Ex db IIB T5 Gb

Certification Manager

Thomas Wilson

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2009-02-27

Re-issued: 2023-08-08

Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13]

Schedule

[14]

EU-TYPE EXAMINATION CERTIFICATE No.

DEMKO 09 ATEX 0816570X Rev. 1

[15] Description of Product
 The devices are Ex db IIB cast control stations constructed of 359 aluminum or 316 stainless steel with integral cast-on mounting lugs for use with a flat cover, containing specifications for threaded conduit/cable entries. Terminal/conductor arrangement tables are provided under the terminal content sheets. Enclosures are provided with operators and other auxiliary devices specified in Drawing DS858.

Enclosure Catalog Numbers:

XIFCX-030303, XIFCX-030903, XIFCX-030703, XIFCX-031503, XIFCX-033003, XIFCX-041204, XIFCX-061206, XIFCX-030603, XIFCX-031103, XIFCX-031803, XIFCX-033603, XIFCX-060606, XIFCX-070704, XIFCX-031303, XIFCX-032403, XIFCX-040604 and XIFCX-060608.

Temperature range

The relation between ambient temperature and the assigned temperature class is as follows:

| Ambient temperature range | Temperature class |
|---------------------------|-------------------|
| -20 °C to +40 °C | T6 |
| -20 °C to +55 °C | T5 |

Electrical data

Maximum Working Voltage:

- 600 VAC/VDC – Contact Blocks
- 120 VAC/VDC – XMOL Pilot Lights
- 240 VAC/VDC – XLX and XLXS Pilot Lights
- 1100 VAC – Terminal Blocks

Installation instructions

All cable entry devices and blanking elements shall be certified as flameproof according to EN 60079-1 and have a minimum gas group and IP rating equal to the marking on the enclosure.

All unused enclosure openings must be fitted with a certified close-up plug equivalent of the enclosure and must be marked with an IP66 rating.

All conductors/cables shall be suitable for +80°C for +40°C ambient and +95°C for +55°C ambient.

The number of conductors entering an enclosure plus the number of internal connections (bridges and ground conductors are not counted) shall not exceed the terminal content sheets for the applicable enclosure. See enclosure size terminal content sheet table for data sheet number for the applicable enclosure (Drawing Nos. DS769-1 to DS769-17).

For installation using conduit: All conduit runs must have a sealing fitting within one conduit diameter of 2 in. [50 mm] whichever is less.

If replacing any internal components, devices and/or apparatus, use only the same components, devices or apparatus as supplied with the enclosure. Refer to the bill of material drawings included with this assembly for correct catalog/model numbers. The installation of any component, other than what was supplied, will void enclosure certification and the supplier must bear the burden of proof for final evaluation, testing and documentation.

Routine tests

Routine tests according to EN 60079-1 cl. 16 are not required, as the enclosures have been successfully tested at four times the reference pressure.

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17]

Specific conditions of use:

- Dimensions of flameproof joints are other than the relevant minimum or maximum specified in Table 2 of EN 60079-1:2014. The control station enclosures are to be marked with an "X" and manufacturer's Drawing No. DS858 details the dimensions of the flameproof joints.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The XIFCX Enclosures have in addition passed the tests for Ingress Protection to IP 40 in accordance with EN60529:1991+A1:2000+A2:2013.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

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