

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
2. **Certificate No:** FM18US0238
3. **Equipment:** HK Series Instrument Housings
(Type Reference and Name)
4. **Name of Listing Company:** Killark, Div of Hubbell Inc (Delaware)
5. **Address of Listing Company:** 3940 Martin Luther King Dr
St Louis, Missouri 63113
USA
6. The examination and test results are recorded in confidential report number:

0P7A3.AE dated 21st July 1987
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3615:2018, FM Class 3810:2018,
ANSI/NEMA 250:1991
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
10. **Equipment Ratings:**

Explosionproof for Class I, Division 1, Groups A*, B, C and D; Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G, hazardous locations, indoor and outdoor, Type 4X.

Certificate issued by:



J.E. Marquedant
VP, Manager, Electrical Systems

27 August 2018

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

SCHEDULE



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11. The marking of the equipment shall include:

Class I Division 1, Groups A* B, C, D; Type 4X

Class II, Division 1, Groups E, F, G, Class III, Division 1; Type 4X

* For option Code e, GA signifies for use in Groups A, B, C and D. Blank is for Groups B, C, D only

12. **Description of Equipment:**

General – The Killark HK series Instrument Housings are intended for instruments manufactured by other manufacturers to be subsequently submitted for Factory Mutual Approval. Approval of the Instrument housing is only intended to simplify the approval program of these instrument assemblies. .

Construction – The HK Series Instrument Housings consists of a base (HKB) and one of five different covers that can be mounted on the base (HK3D, HK2D, HFC, HK2GLD, and HKGL). The base has two $\frac{3}{4}$ -14 NPT conduit openings, and options for one additional $\frac{3}{4}$ -14 NPT entry, or $\frac{3}{4}$ -14 NPSM and one additional $\frac{1}{2}$ -14 NPT or $\frac{3}{4}$ -12 NPT conduit opening. The cover has an option of being either solid (flat or deep) or a glass (flat or deep) with a retaining ring assembly for the glass cover.

HK Series Instrument Housings

HKBab-cde, HKBDab-cd, 2HKB-ab-a-df, HKSB-ab-cde, 2HKSb-ab-a-df. Instrument Housing Assemblies.

HFC, HKGL, HK2D, HK1D, HK1GLD, HK2GLD, HK4D, HFSC, HKSGL, HKS2D, HKS2GLD, HKS4D. Instrument Housing Covers.

HKB, HKBD, 2HKB, HKSB, 2HKSb. Instrument Housing Bases.

a = Cover code B, 2D, 4D, GL, 1GLD, and 2GLD

b = Optional CENELEC modification C or blank

c = Hub size option 01, 02, 20, 21, 22, 02S, 22S, 2S2S, 2S0, 2S1, 2S2, or blank

d = Optional external ground screw – GS or blank

e = Optional FM Approvals Group A Approval – GA or blank (For Group B, C, D only)

f = Optional RS-232 provision MOD or blank

13. **Specific Conditions of Use:**

None

14. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

16. **Certificate History**

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Member of the FM Global Group

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Details of the supplements to this certificate are described below:

Date	Description
11 th August 1987	Original Issue.
27 th August 2018	<u>Supplement 9:</u> Report Reference: RR215335 dated 27 th August 2018 Description of the Change: Updating CAD files, along with correcting listing, removing SPI-5835 from the listing, as well as used updated certificate format.

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