



**KILLARK®**

# INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

**KB1-4X, KB1-4XS6 UNIVERSAL BREATHER/DRAIN**

**TYPE 4X APPLICATION** c  **US**

**FOR CLASS I, GROUPS C & D, CLASS II, GROUPS E, F, & G, & CLASS III **

**FOR CLASS I, GROUPS B, C & D, CLASS II, GROUPS E, F, & G, & CLASS III  HAZARDOUS LOCATIONS.**



## KB1-4X, KB1-4XS6 UNIVERSAL BREATHER/DRAIN

### CAUTION:

Before installing, make sure you are compliant with area classifications, failure to do so may result in bodily injury, death and property damage. Do not attempt installation until you are familiar with the following procedures. All installation must comply with the applicable Electrical Code.

Make sure that the circuit is de-energized before starting installation or maintenance.

Verify that the installation is grounded. Failure to ground will create electrical shock hazards, which can cause serious injury and or death.

### IMPORTANT:

Please read these instructions carefully before installing or maintaining this equipment. Good electrical practices should be followed at all times and this data should be used as a guide only.

Technical information, advice and recommendations contained in these documents is based upon information that Killark believes to be reliable. All the information and advice contained in these documents is intended for use only by persons having been trained and possessing the requisite skill and know-how and to be used by such persons only at their own discretion and risk. The nature of these instructions is informative only and does not cover all of the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, check out, safe operation and maintenance. Since conditions of use of the product are outside of the care, custody and control of Killark, the purchaser should determine the suitability of the product for his intended use, and assumes all risk and liability whatsoever in connection therewith.

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**CAUTION:** In case of installing or replacing drain in an operating electrical enclosure, turn off main power before proceeding with the task.

## **DIRECTIONS FOR INSTALLATION**

Select a suitable, flat area on the top (for a breather) or bottom (for a drain) of an enclosure and drill and tap a 1/2"-14 NPT hole for each KB1-4X fitting. The tapped hole must have 5 full threads engagement for Class I, and 3-1/2 threads for Class II & III locations.

Note: a KB1-4X fitting can also be installed in an existing 1/2"-14 NPT conduit hub. When selecting a location for a drain, the opening should be as close as possible to the lowest point on the enclosure interior, to ensure maximum drainage.

Apply a small amount of Killark "LUBG" lubricant to the KB1-4X threads and install in threaded opening. Tighten snugly.

These fittings require no maintenance other than a periodic inspection for clogs or damage. If the fitting is damaged or broken, it should be replaced entirely.

**REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL**



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