

by Honeywell

Description

Applications

The KILLARK[®], XAL-53 fire alarm stations are suitable for use in the following conditions:

- Hazardous areas due to the presence of flammable gases or vapors, combustible dusts or easily ignitable fibers or flyings.
- Installation at petroleum refineries, chemical and petrochemical plants, storage areas, and other processing facilities where hazardous substances are handled and stored.
- Areas where emergency control of fire alarm or signal circuits are required.

Operation

To operate refer to the following quick, easy-to-use two step process that prevents an unintentional operation.

1. To activate the alarm station, lift the front cover.
2. Then, pull down the ring.

To reset the Operator, depress the shaft and return the plate to the original position.

Hazardous Area Classifications

- Class I, Division 1 and 2, Group C and D.
- Class II, Division 1 and 2, Group E, F, and G.
- Class III, Hazardous Locations.
- NEMA 7CD, 9EFG.

Contact Block Rating

Table 1 lists the contact block ratings.

AC						DC		
Volts	Make Amperes	VA	Break Amperes	VA	Continuous Carrying Amperes	Volts	Make Break	Continuous Carrying Amperes
120	60	7200	6.0	720	10	125	1.10	10
240	30	7200	3.0	720	10	250	0.55	10
480	15	7200	1.5	720	10	600	0.20	10
600	12	7200	1.2	720	10			

Table 1 Contact Block Ratings

Operational Data

This enclosure is made of cast, copper-free aluminum alloy. It is suitable for the following Classes:

- Class I, Groups C and D
- Class II, Groups E, F, and G
- Class III hazardous locations

All installations must comply with applicable local and/or National Electrical Code.

CAUTION!!

During installation, DO NOT use looped wire under terminals. Break wire run to provide supervision of connections.

Explosion-Proof Pull Station



Figure 1 XAL-53

Features

- Enclosure is made of copper-free aluminum alloy.
- Designed with conduit openings of 3/4" (19.05 mm) NPT feed-through.
- Constructed of red, textured, powder epoxy paint finish which is standard on the box and the cover and provides high visibility for the alarm station.
- Provides universal one normally open and one normally closed contact furnished standard.
- Includes bilingual nameplates per the CSA requirement.
- Offers an internal ground screw that is standard.
- Spans a wiring range of #12 AWG through #24 AWG, solid or stranded.

SIGNALING



E50498



7150-1439-0100



LR31085 CE69

Operational Data (Continued)

Like all electromechanical devices, these control stations require occasional maintenance. Parts may wear out or become defective due to the adverse environmental conditions. See Maintenance Data below.

Maintenance Data

CAUTION!!

Before you remove the cover, disconnect this device from the supplying circuit.

1. To prevent corrosion, lubricant should be occasionally applied, as follows:
 - Killark® “LUBG” lubricant to box/cover flanges.
 - Dow Corning® Molykote® 33 Grease, light consistency, to operator shaft.
2. Keep all flanges clean and free of scratches.
3. Some internal service parts are available. Consult the Killark® factory for the parts breakdowns.

Figure 1 illustrates the XAL-53 dimensions.

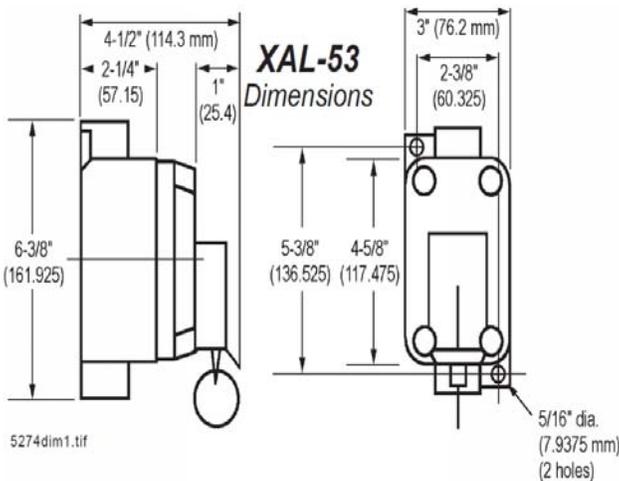


Figure 2 XAL-53 Dimensions

CONTACT ARRANGEMENT

Figure 2 illustrates the contact arrangements.

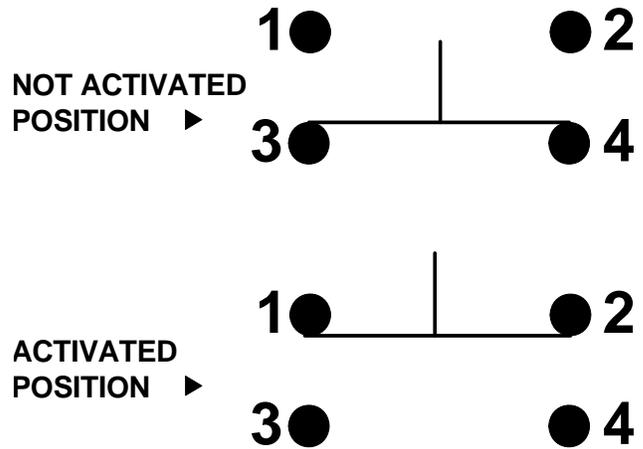


Figure 3 Contact Arrangements

Ordering Information

Part Number	Description
XAL-53	Pull station, explosion-proof, N/O and N/C contacts.
SBA-10	Backbox.

KILLARK® is a registered trademark of Hubbell®. Dow Corning® and Molykote® are registered trademarks of Dow Corning Corporation.