JK e-solutions ApS

FS 12

Control and Monitoring system for

Fixed Aerosol Fire Extinguishing Systems

FS12 Isolation Switch

R5

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1. Preface

This document is the manual for the Isolation Switch for the FS12 – Control and Monitoring System for Fixed Aerosol Fire Extinguishing Systems.

1.1 Purpose

The purpose of this document is to describe in short terms the use of the Isolation Swich for the FS12 system. Installation and service for the FS12 system itself is described in the FS12 Installation Manual.

2. Description

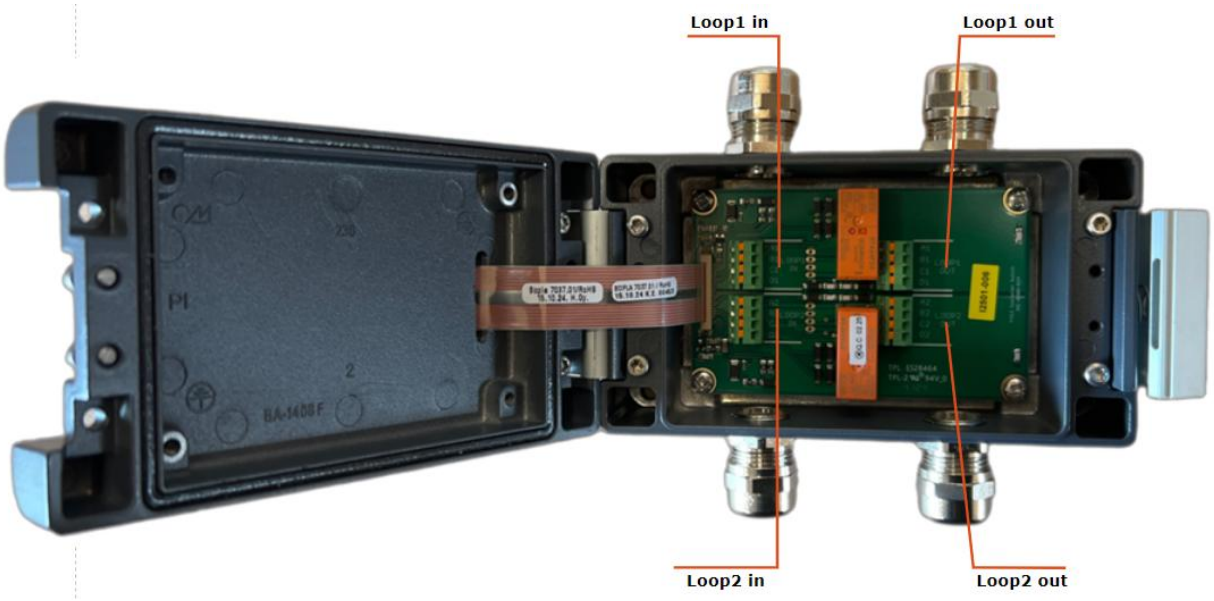
The purpose of the Isolation Switch for the FS12 system is to disconnect the aerosol units in the protected area when release of the aerosols must not be possible, e.g., during service or maintenance in the protected area.

3. Overview

The FS12 Isolation Switch is shown below:

1. Loop 1 and Loop2 push button ON/OFF
   Push button for disconnecting Loop1 and Loop2

2. On/Off indicator
   Loop connected: Green
   Loop disconnected: Red



All Loop cable shields **MUST** be connected in the EMC glands

4. User manual

The Isolation Switch has 2 set of push buttons on the front, one set for each loop. Loops are connected and operating ("On") when the on/off led is green. Loops are disconnected ("Off") when the on/off led is red.
Both loop must be in Off position to disable the aerosol system in the protected area.

When one or both loop are in Off position, the FS12 main-unit will go in fault state (Loop 1/2 fault)

Remember to switch back to On position again after working on the system.

Acknowledge the alarm on the main unit and verify that "System OK" is indicated on the front panel of the FS12 main unit.

5. Technical details

- JKE Part no. 0211
- Dimension: (X x Y x Z) (165 x 140 x 63) mm.
- IP66
- Weight: 1kg