QM-AN-965K 型紧急启/停按钮使用说明书

------ 安装、使用产品前，请详细阅读产品使用说明书 -----

一、 产品概述

QM-AN-965K 型紧急启/停按钮主要是给气体灭火控制器提供紧急启动和停止的控制信号。正常运行时，运行指示灯点亮。当击碎启动按钮处的安全膜片，按下启动按钮时，可以提供启动控制信号，同时启动指示灯点亮；当确认火情已得到控制或火警为误报，且还处于延时阶段时，可立即击碎停止按钮处的安全膜片，按下停止按钮，中断放气延时，同时停止指示灯点亮。

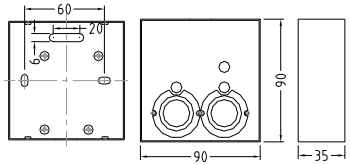


二、 产品技术参数

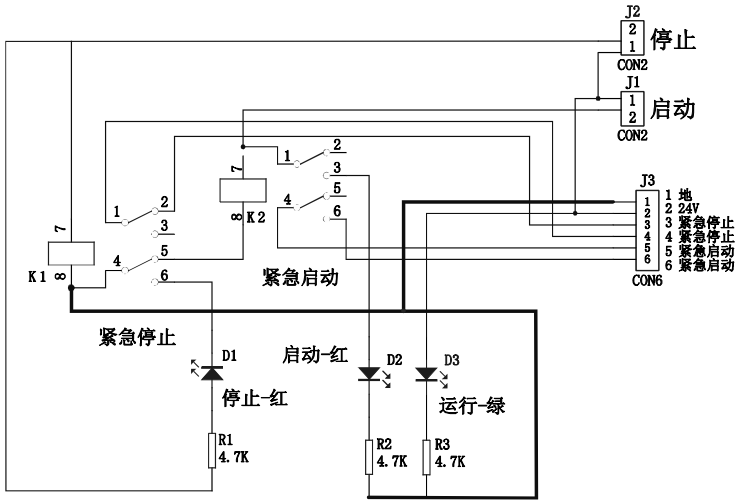
1. 工作电压：24VDC (20VDC～28VDC)
2. 工作电流：＜30mA
3. 触点容量：2A/24VDC
4. 工作环境：温度 -10℃～+55℃
   湿度 ≤95%（40℃±2℃，无凝露）

三、 使用说明

1. QM-AN-965K 型紧急启/停按钮安装尺寸图：



2. 电路原理图：



3. 接线端子与接线方式：

QM-AN-965K		JB-QBL-QM300/4		JB-QBL-QM200		JB-QB-QM200/4	
引出端子	端子名称	接入端子	端子名称	接入端子	端子名称	接入端子	端子名称
1	GND	区控端子板 1	AGND	主控板端子 GND	AGND (18和19之间)	区控制板端子 32	AGND
2	24V	区控端子板 6	+24V	主控板端子 1	+24V	区控制板端子 31	+24V
3	STOP/NO1	区控端子板 1	AGND	主控板端子 GND	AGND (18和19之间)	区控制板端子 6	AGND
4	STOP/NO2	区控端子板 2	STOP	主控板端子 19	紧急停止信号输入端	区控制板端子 5	STPB
5	START/NC1	区控端子板 5	START	主控板端子 17	紧急启动信号输入端	区控制板端子 1	STRB
6	START/NC2	区控端子板 6	+24V	主控板端子 1	+24V	区控制板端子 2	+24VK

四、 设备安装及使用注意事项 ⚠

1. 电源线采用≥1.5mm^{2}的 BV 线，其余线采用≥1.0mm^{2}的 RVS 双绞线；
2. 尽量避免将紧急启/停按钮安装于冷凝、高温、油污、化学腐蚀等环境；
3. 安装接线时务必切断电源，确认接线无误后，方可接通电源；
4. 需要使用启动按钮和停止按钮时，可用硬物击碎安全膜片;
5. 安全膜片为一次性用品，击碎后需更换新的安全膜片；
6. 工程安装、调试须由专业人员指导进行。

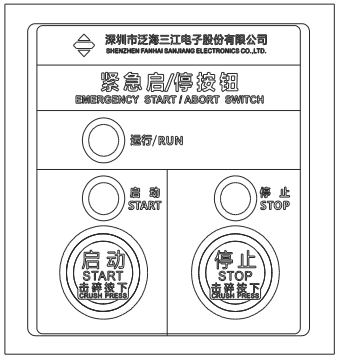
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Instruction manual of QM-AN-965K Emergency Start/Abort Switch

------ Please read this manual carefully before installing and using the product -----

I. General description

The purpose of the QM-AN-965K Emergency Start/Abort Switch is to provide an emergency start/stop control signal for the gas extinguisher. During normal running, the RUN LED indicator lights up. When the protected area is on fire, crush the organic glass which is printed “START” and press the start button to send an emergency start signal to the gas extinguisher, which turns on the solenoid after a preset delay to activate the fire extinguishers. If the fire in this area is put out before the extinguisher activates or it is a false alarm, crush the organic glass which is printed “STOP” and press the stop button to send an emergency stop signal to the gas extinguisher to stop the delay period and prevent the extinguisher from needlessly activating.

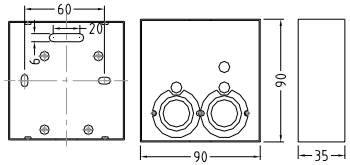


II. Technical parameters

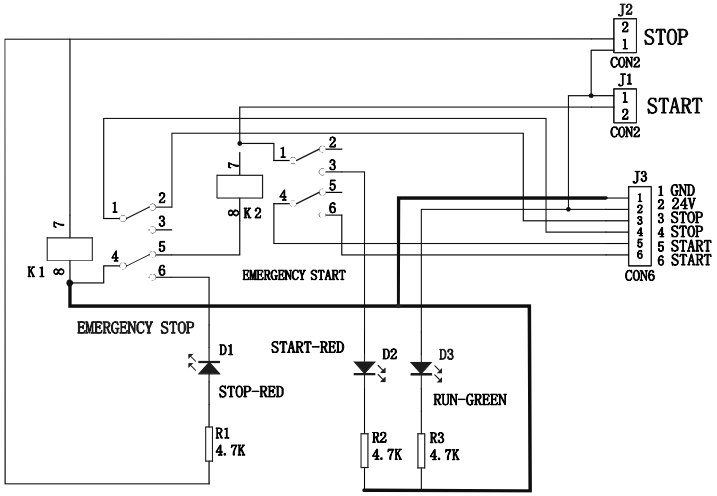
1. Operating voltage: 24VDC (20VDC～28VDC)
2. Operating current: < 30mA
3. Capacity of the output control contact: 2A@DC24V
4. Operating environment: Indoor, temperature: - 10℃～+55℃
   Relative humidity: ≤95% (40℃±2℃, without condensation)

III. Instructions

1. Installation dimension of the QM-AN-965K Emergency Start/Abort Switch



2. Schematic circuit diagram



3. Terminal description

QM-AN-965K		JB-QBL-QM300/4		JB-QBL-QM200		JB-QB-QM200/4	
Leading-out Terminal No.	**Terminal function**	**Leading-in Terminal No. Of the zone control terminal board**	**Terminal function**	**Leading-in Terminal No. Of the main control board**	**Terminal function**	**Leading-in Terminal No. Of the zone control board**	**Terminal function**
1	GND	**1**	AGND	**GND** (Between 18 and 19)	AGND	**32**	AGND
2	24V	**6**	+24V	**1**	+24V	**31**	+24V
3	STOP/NO1	**1**	AGND	**GND**	AGND	**6**	AGND
4	STOP/NO2	**2**	STOP	**19**	Emergency stop control signal	**5**	STPB
5	START/NC1	**5**	START	**17**	Emergency start control signal	**1**	STRB
6	START/NC2	**6**	+24V	**1**	+24V	**2**	+24VK

IV. Precautious ⚠

1. The minimum 1.5mm² BV line is used to supply power; the minimum 1.0mm² RVS twisted pair line is used to other lines.
2. Don’t mount the emergency start/abort switch in a condensation, high temperature, greasy, humid or erosive environment.
3. Disconnect the power during wiring procedures, and don’t connect it to a power source until you are sure it is correctly wired.
4. You need to crush the organic glass with a hard object first when you want to press the button.
5. The organic glass is disposable goods, you need to replace a new one after the organic glass was crushed.
6. Don’t mount or regulate the emergency start/abort switch without professional guidance.

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