Operation Manual for
QM-AN-01E Emergency Start/Stop Module



I. General description

The purpose of the QM-AN-01E Emergency Start/Stop Module is to provide an emergency start/stop control for the gas extinguisher and works as an operations and fire alarm. It is mounted at the exit of the fire control site and can be started or stopped by turning a key.

When the protected area is on fire, turn the key to FIRING to send an emergency 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, turn the key toSTOP to stop the delay period and prevent the extinguisher from needlessly activating.

II. Technical parameters

1. Working environment: Temperature: -10℃～+55℃
   Humidity: ≤95%（40℃±2℃，dew free）
2. Working voltage: DC 24V
3. Working current: ＜100mA

III. Instructions

1. Size drawing of the QM-AN-01E Emergency Start/Stop Module: （see figure 1）:

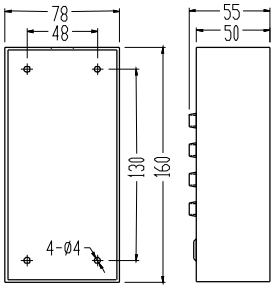


Figure1

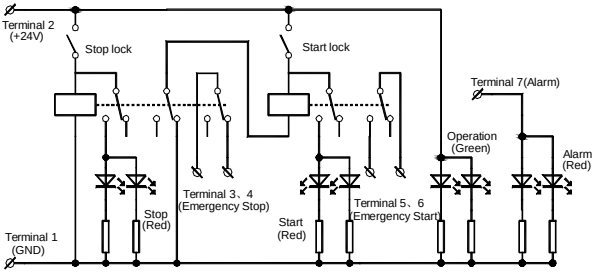


Figure 2

2. Internal electric schematic drawing：（see figure 2）
3. Terminal:

No.	1	2	3	4	5	6	7
Color	Black	Red	Green	Green	Blue	Blue	Yellow
Function	GND	+24V DC	Emergency Stop Contact （Generally closed ）		Emergency Start Contact （Generally opened）		Fire Alarm indicating

Note:

(1) The numbers of the terminals from left to right are 1-7（QM-AN-01E line holes face upward）;

(2) When the Module is off, terminals 3 and 4 are disconnected; when activated, terminals 5 and 6 are connected.

4. Wiring:

For wiring the JB-QB-QM200 or JB-QB-QM200/4 with the gas extinguisher, see the relevant controller instructions.

IV. Equipment installation and instructions:

1. $\geq$1.5mm^2 BV line is used to supply power; for other lines, $\geq$1.0mm^2 RVS twisted pair wiring is used;
2. Don't mount the manual/auto switch Module in a condensation, high temperature, greasy, humid or erosive environment;
3. Disconnect the power during wiring procedures; don't connect it to a power source until you are sure it is correctly wired;
4. Keep the key for the start/stop switch in an easily accessible location;
5. Don't mount or regulate the Module without professional direction; don't connect it to a power source until you are sure it is correctly wired.