

JSKM-CMM-9G Input/Output Relay Module

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SPECIFICATIONS

Operating Temperature Range:	0°C ~ 49°C (32°F ~ 120°F)
Operating Humidity Range:	10% ~ 93% RH, Non-condensing
Voltage Range:	15 ~ 32VDC
Standby Current:	450uA max., 1 communication every 5 seconds 47K EOL resistor
Initiating Device Circuit:	Max. voltage: 2.4 Vdc; Max. short-circuit current :100μA
Maximum IDC wiring resistance:	40 Ohm
Rated External Supply Voltage:	24VDC
External Supply Voltage (between Terminals T10 and T11) Maximum (NAC):	Regulated 24VDC
Notification Appliance Circuit:	2A, 24VDC(Resistive load);
Maximum NAC wiring resistance:	40 Ohm
Mounting Size:	124.6mm (L) x 124.6mm (W) x 35.6mm (H) (with the mounting plate)
Weight:	About 170g

TERMINAL NOTES:

T1: Communication line negative (-) ; T2: Communication line positive (+) ; T3: Initiating Device Circuit negative (-) ;
T4: Initiating Device Circuit positive (+) ; T6: Notification Appliance Circuit positive (+) ; T7: Notification Appliance Circuit negative (-) ;
T10: External power input positive (+) ; T11: External power input negative (-).

Before installing and using the product, please read the system wiring and installation manual thoroughly. If the products will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service, disconnect power to the control panel before installing the products. This manual should be left with the owner/user of this equipment.

WARNING: To ensure that the switch contacts are in their correct state, modules must be made to communicate with the panel before connecting circuits controlled by the module.

GENERAL DESCRIPTION

The JSKM-CMM-9G Module provides a single initiating device circuit and notification appliance circuit. The two separate LEDs can be controlled to latch on, off, or flash by the control panel.

The initiating device monitors the normally contact and reports its status to the control panel. The notification appliance circuit provides a normally open contact and supervises the connected wires and the external power supply.

The module address can be set by the handheld programmer CP900M from 1 to 198. If the notification appliance circuit address is set to N, the initiating device address will be set to N+1 automatically. The module is preset to a dual address mode by default.

To address the module if only the notification appliance circuit is used, it can be achieved by shorting terminals 6 and 7. And if only the initiating device is used, it can be achieved by shorting terminals 3 and 4.

MOUNTING AND WIRING

The module mounts directly to 100mm square electrical boxes as shown in Figure 2B. The box must have a minimum depth of 50mm.

All wiring must conform to applicable local codes, ordinances, and regulations.

1. Set the address on the module per the requirements.
2. All the wirings must be in accordance with the job drawing and the appropriate wiring diagrams (Figure 3).
3. Secure wires to clamping screws with tightening torque of 0.75 lb-ft (9 lb-inch).
4. Module mounting size as shown in Figure 2A. Install module into electrical box following Figure 2B.

FIGURE 1. OUTPUT MODULE AND INDICATOR

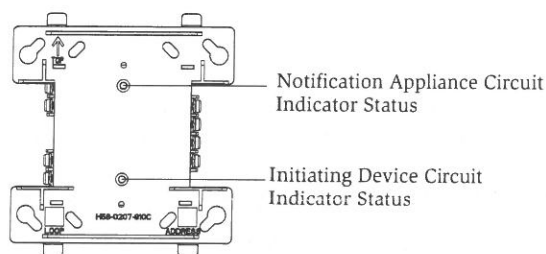


FIGURE2A. MODULE MOUNTING SIZE:

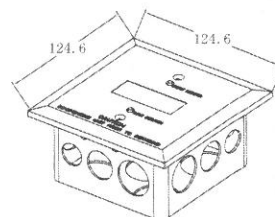


FIGURE 2B. SURFACE MOUNTING ARRANGEMENT

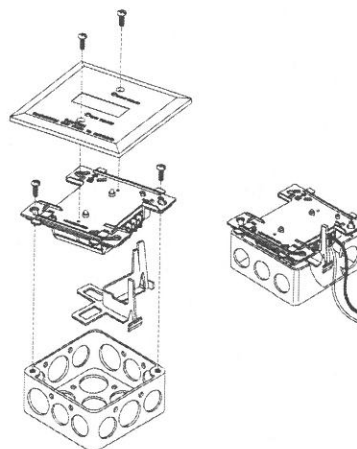
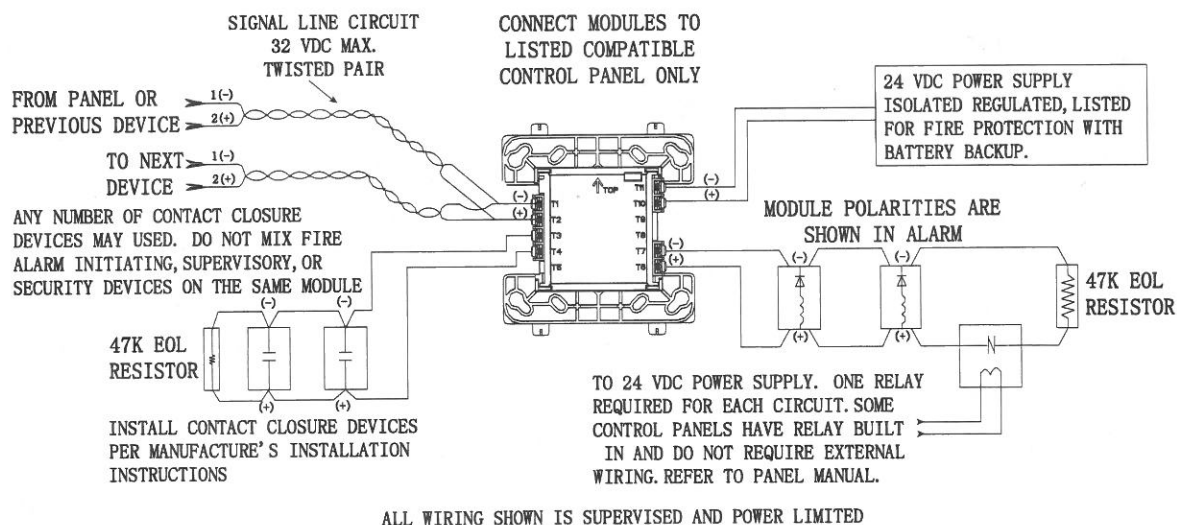


FIGURE 3. JSKM-CMM-9G INPUT /OUTPUT RELAY MODULE WIRING DIAGRAM:



NOTE: Verify that the panel detects the ground fault on the module's initiating device circuit, and that the system responds to the ground fault.

CAUTION: For system supervision – for terminals T3, T4, T6, T7, T10 and T11, do not use looped wire under terminals. Break wire run to provide supervision of connections.”

AND

« MISE EN GARDE: Pour la supervision du système --- pour les bornes T3, T4, T6, T7, T10 et T11, ne pas enrouler le fil sous les bornes. Pour assurer la supervision électrique des raccordements, il faut couper les fils.»

DIODE PARAMETER NOTES

As figure 3 right showed, the controlled device should be connected with the diode, if not, there must have a relative rectified diode outside the device. The relative diode should be chosen according to the device current value. The following information may be for reference.

- ① Model IN4003: 1.0A Maximum forward rectified current;
- ② Model IN5402: 3.0A Maximum forward rectified current;

OPERATION AND MAINTENANCE

1. To insure proper operation, this module shall be connected to listed compatible system control panels only.
2. Wiring must be in accordance with the requirements.
3. If it leads to the system can not operation normally with any product quality reason, please contact with the company in time.

NOTE

1. Don't exceed the max. value of the external input power and current.
2. The load capacity of the output module should not exceed the output contact capacity.
3. If to be connected with the polarity reversal wire, the module will not operate normally. But other units can still operate as usually in the loop.
4. Please dispose electronic waste following national or local regulations after being scrapped or replaced. Do not discard.

THREE-YEAR LIMITED WARRANTY

Honeywell Fire and Security Systems(Shanghai) Co., Ltd warrants its enclosed product to be free from defects in materials and workman-ship under normal use and service for a period of three years from date of manufacture. Honeywell Fire and Security Systems (Shanghai) Co., Ltd makes no other express warranty for the enclosed product. No agent, representative, dealer, or employee of the Company has the authority to increase or alter the obligations or limitations of this Warranty. The Company's obligation of this Warranty shall be limited to the replacement of any part of the product which is found to be defective in materials or workman-ship under normal use and service during the three year period commencing with the date of manufacture. After contacting Honeywell Fire and Security Systems(Shanghai) Co., Ltd. for a Return Authorization number, send defective units postage prepaid to: Honeywell Fire and Security Systems

(Shanghai) Co., Ltd Repair Department, RA # _____, 430, Li Bing Road, Zhangjiang Hi-Tech Park Pudong New Area, 201203, Shanghai Please include a note describing the malfunction and suspected cause of failure. The Company shall not be obligated to replace units which are found to be defective because of damage, unreasonable use, modifications, or alterations occurring after the date of manufacture. In no case shall the Company be liable for any consequential or incidental damages for breach of this or any other Warranty, expressed or implied whatsoever, even if the loss or damage is caused by the Company's negligence or fault. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.