

AMP-750

Addressable Input/Output Module



INSTALLATION INSTRUCTIONS

The AMP-750 contact uses a 2-wire connection for power and for communication with the control panel. This simplifies wiring and reduces installation cost. The AMP-750's low current draw also maximizes the number of modules that can be attached to an addressable loop. The AMP-750 has a single EOL5.6K Ω supervised loop that monitors normally open contacts only. An open on the loop initiates a trouble and a short initiates an alarm. The AMP-750 contains an internal tamper switch to monitor tamper conditions. The AMP-750 has 4 open collector voltage outputs that can be programmed to follow any of the main panel's PGM outputs. Each output can supply a maximum of 5mA current. For more information, please refer to the PC5100 v1.00 Installation manual.

Specifications

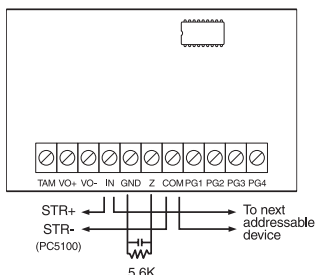
Standby current 1.2mA
In Alarm current 1.6mA
Operating Environment 0°C - 49°C (32°F - 120°F)
..... 5% - 95% RH, non-condensing
Size (H x W x D) 27 x 146 x 105 mm (1.05 x 5.76 x 4.13 in)

NOTE: The standby current and in alarm current specifications do not include the current draw per PGM output of the AMP- 750 module. To calculate total standby current draw for your application, you must add the current draw per output used to the standby current specified above. The same applies to the total in alarm current draw.

Control Panel Compatibility

PC5010/5015 v2.X with PC5100 interface module

Connection Diagram



Mounting

To mount the unit, remove the plastic cover and secure the unit to the desired location with the screws provided. Replace the cover.

Device Enrollment

The serial number located on the back of the device must be enrolled into the alarm control panel via Installer's Programming ([*] [8] [Installer's Code]). This procedure is outlined in the PC5010/5015 v2.X Installation Manual and in the PC5100 Installation Manual.

WARNING: Connect only DSC Addressable Series devices to the addressable loop connections. Connection of ANY other type of device will impair operation. Any devices other than Addressable Series devices which require power to operate must be powered separately.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna
- Relocate the alarm control with respect to the receiver
- Move the alarm control away from the receiver
- Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC helpful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock # 004-000-00345-4.

Limited Warranty

Digital Security Controls Ltd. warrants that for a period of twelve months from the date of purchase, the product shall be free of defects in material and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether express or implied and of all other obligations or liabilities on the part of Digital Security Controls Ltd. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls Ltd. be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning

Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.



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