NOTIFIER®
by Honeywell

M700E Series
Input/Output Modules



The newly designed platform of M700 family of Input/ Output modules, completes the NFXI line of wired spot detectors with unaltered family feeling and undisputed continuity.

The new M700 look and feel combine maximum reliability with top-end functionality, all enriched by a cutting-edge modern design.

Single and multi-way models are available within the renewed mechanical package, reducing both the cost of installation and the mounting space required.

Their unique mechanical design allows each module to be mounted in either a common wall box, on a DIN rail or its dedicated enclosure. The DIN rail mounting option is possible thanks to smart DIN brackets directly built-in the enclosure. Irrespective of the mounting methods chosen, the address switch is always visible and accessible for selection.

Each module has built-in short circuit protection for the communications loop; however, to increase application flexibility, the isolators can be selected/deselected on an individual module basis.

To help technicians in the maintenance and fault-finding process, light pipes have been enlarged to increase visibility even in the most challenging space constrained application. Both the status LED and the rotary switch selection can be viewed on the two sides without having to remove the cover of the surface mounting box.

The multi-colour status LED, provide diagnostic information regarding the status of each individual input/output.For ease of installation, testing and maintenance, modules have been equipped with quick connectors.

The renovated aesthetics offers data finely engraved on the enclosure's surface by laser for lifetime durability and resistance to degradation.

Features

- M701E Single Output Module
- M710E Single Input Module
- M720E Dual Input Module
- M721E Dual Input – Single Output Module
- Common mechanical platform for modules' enclosure
- Integrated DIN rail brackets
- Built-in short circuit isolators
- CLIP and Advanced Protocol
- Addressability through rotary switches
- Improved Light Guides visibility on two sides
- Tri-colour Light Pipes
- Lasered engraved label data
- Intertek Approved

Architect/Engineer Specifications

M701E Single Output Module

The M701E optionally supervises the wiring to the load devices and, upon command from the control panel, switches an external power supply to operate these devices. It also has built-in short circuit isolation capability.In normal supervised mode, the device switches out the load supervision and switches in the external power supply through a double pole relay.

The external power supply is monitored and raises an unlatched fault condition if the voltage falls below the fixed threshold. In the unsupervised mode, the device provides neither load nor power supply supervision and can be used to switch a single form C set of changeover contacts.

ELECTRICAL SPECIFICATIONS	
Operating Voltage Range	15 to 32VDC
Maximum Standby Current	160µA at 24VDC no communications
Relay Specifications	Normal and unsupervised form C ratings 2A at 30VDC, resistive load

ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature Range	-20°C to +60°C
Humidity	5 to 95% Relative Humidity (non-condensing)
IP Rating	IP30 (IP44 in M200E–SMB)

ELECTRICAL SPECIFICATIONS	
Height	22 mm
Length	82 mm
Width	93 mm including terminal block
Weight	118 g
Maximum Wire Gauge for Terminals	2.5 mm^2

M710E Single Input Module
M720E Dual Input Module and M721E Dual Input – Single Output Module

The M710E and M720E provide supervision of one or two input circuits respectively from external devices; the M721E also provides an unmonitored single pole volt-free changeover contact for external devices.

All modules feature a built-in short circuit isolator. Input channels are capable of both latched and analogue supervision: there are three separate latched states, normal, open circuit and combined alarm/short. The analogue supervision continuously monitors the supervised circuit, returning a signal proportional to the circuit resistance.

ELECTRICAL SPECIFICATIONS	
Operating Voltage Range	15 to 32VDC
M710E Maximum Standby Current	140µA at 24VDC, no communications
M720E Maximum Standby Current	140µA at 24VDC, no communications
M721E Maximum Standby Current	140µA at 24VDC, no communications
M721E Output Rating	2A at 30VDC, resistive load

ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature Range	-20°C to +60°C
Humidity	5 to 95% Relative Humidity (non-condensing)
IP Rating	IP30 (IP44 in M200E–SMB)

ELECTRICAL SPECIFICATIONS	
Height	22 mm
Length	82 mm
Width	93 mm including terminal block
Weight	118 g
Other Devices in Range	M720E and M721E
Maximum Wire Gauge for Terminals	2.5 mm^2

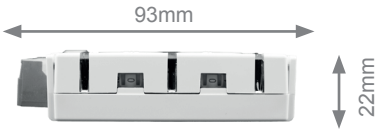
OTHER MODULES IN THE RANGE (SEE SEPARATE DATASHEETS)	
M701E–240	Mains and DIN rail mount 240V Switching Output Module
M710E-CZ	Conventional Zone Monitor (w/capacitor)
M710E-CZR	Conventional Zone Monitor (w/resistor)
SC–6	Supervised Control Output 6-way
CZ-6	Conventional Zone 6-way
CR-6EA	Relay Output 6-way (Advanced Protocol)
IM-10EA	Ten Input monitor Modules (Advanced Protocol)

LIST OF ACCESSORIES	
M200E–SMB	Surface Mounting Box
M200E–SMB–KO	Surface Mount Box with 20 mm knockouts
SMB6-V0	Surface Mount box for up to six modules

Dimensions in mm

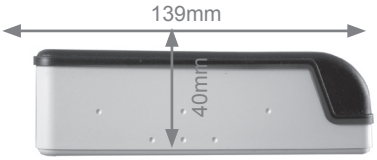




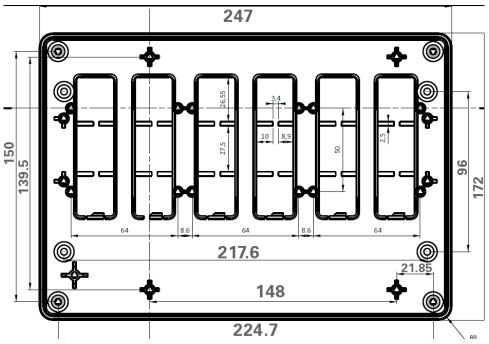


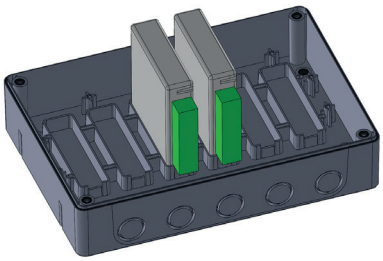


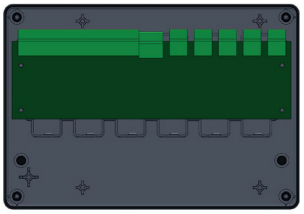


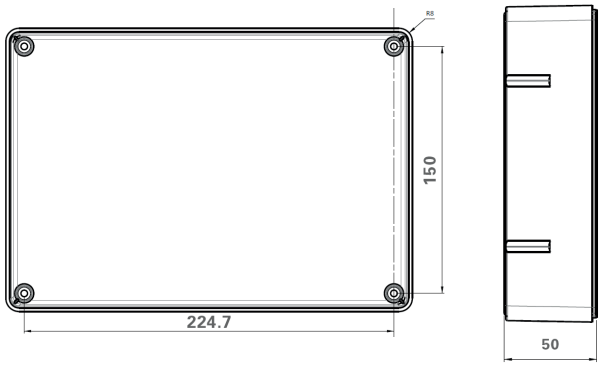


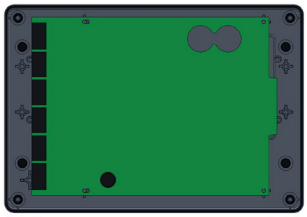












NOTIFIER by Honeywell
Hamilton Industrial Park
Leicester, LE5 1TN
United Kingdom
Tel: +44 (0) 203 409 1779
www.notifierfiresystems.co.uk

CE

We reserve the right to amend the content of this document without prior notice.

©2021 by Honeywell International Inc. All rights reserved.
Unauthorized use of this document is strictly prohibited.

NOTIFIER® by Honeywell