

## Description

620 addressable mini input modules provide the interface to connect non-addressable input devices (such as detectors or manual call points) to Numens addressable control and indicating equipment.

The 620 mini input module is compatible with all Numens non-addressable fire detection and alarm system detectors, and other input devices. Up to 125 addressable alarm zone modules can be connected to each alarm zone loop.

The 620 mini input module range provides fire detection and alarm system designers with a Standards-compliant, economical product for life safety and property protection applications.

## Features

- Signals normal, alarm and open-circuit alarm zone conditions
- Small size that neatly fits to alarm zone circuit wiring
- Capable of supplying 13 mA to power non-addressable devices
- Surface-mount device (SMD) circuit board design
- DC 24 V operation
- Compatible with 2-wire Numens fire detection and alarm systems
- Easy installation with simple address setting DIP switches
- 125 usable detector address settings per loop
- Available without enclosure
- Low maintenance

## Compliance

620 addressable zone mini input modules have the following compliance.

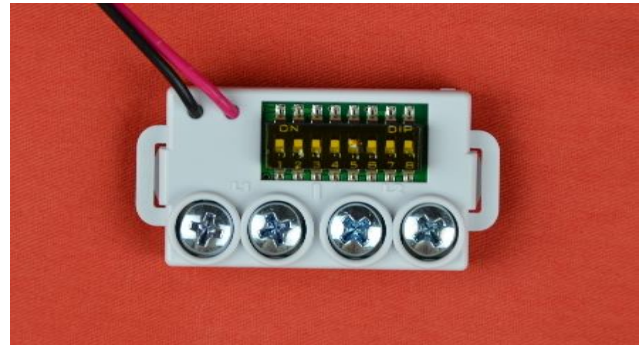
	EN 54-18 <sup>a, b</sup>	CE
620-001	✓	✓
620-002	✓	✓
620-004	✓	✓

<sup>a</sup> EN 54-18 *Input/output devices*

<sup>b</sup> Third-party conformance assessment has not been undertaken.

## Specifications

	620-001 620-002 620-004
Operating voltage	DC (17 ~ 30) V
Start-up time	≤ 30 s
Quiescent current	≤ 1 mA @ DC 28.5 V
Alarm current	12 mA
Open circuit load	≥ 2 MΩ
Quiescent load	4.7 kΩ ~ 1 MΩ
Alarm load	≤ 1.3 kΩ
Usable addresses per alarm loop	125
Terminal wiring	(0.4 ~ 2.5) mm <sup>2</sup>
Operating temperature	(0 ~ +50) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions (w x h x d)	(50 x 25 x 10) mm



620 addressable input module

## Ordering Information

	Detector Input	Dry Contact Input	With Enclosure
620-001	✓	—	✓
620-002	—	✓	✓
620-004	✓	—	—

View the complete range of products at [www.numens.com](http://www.numens.com)

