avigilon™
a Motorola Solutions Company
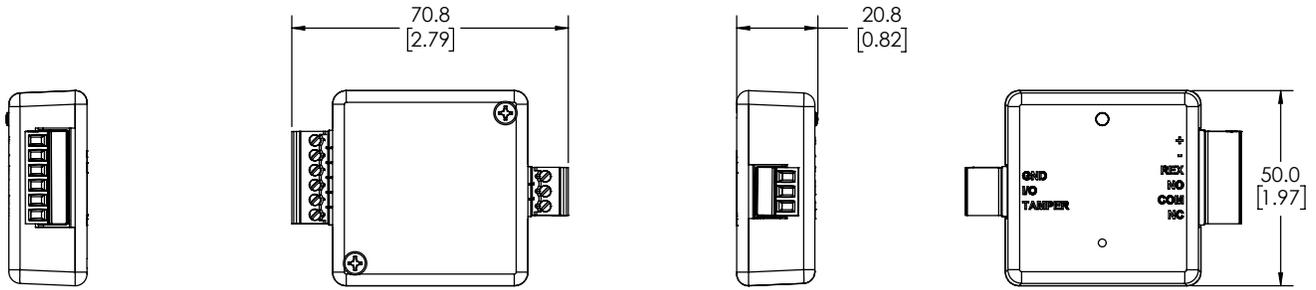
Safety Relay for H4 Video Intercom

The Safety Relay provides an easy way to enhance security of the doors controlled by the H4 Video Intercom (H4VI) by using a relay module to pulse open the electric lock on a command from an ACC operator. Installed on the secure side of the door, in the event of tamper attempt with the H4VI, the relay will keep the door securely locked. After tampering is detected, the clear button on the Safety Relay must be manually pressed to restore normal operation.

Specifications

PERIPHERALS	External I/O Terminals		Inputs: Unlock, Tamper, Rex; Outputs: Vin, NO, NC
	Connectors		3.81 mm pitch pluggable terminal blocks: 3, 6 position

ELECTRICAL	Power Consumption		1 W
	Power Source		External DC power supply
	Input		12-24 VDC
	Output		Normally open (NO) and normally closed (NC) relay contacts: rated 24VDC, 2A

ENVIRONMENTAL	Environment		Indoor
	Operating Temperature		-40 °C to +50 °C (-40 °F to 122 °F)
	Storage Temperature		-40 °C to +80 °C (-40 °F to 176 °F)
	Humidity		5% - 85% non-condensing

MECHANICAL	Dimensions (LxWxH)	Including Terminal Blocks	70.9 mm x 50.3 mm x 20.2 mm (2.79" x 1.98" x 0.80")
		No Terminal Blocks	51.6 mm x 50.3 mm x 20.2 mm (2.03" x 1.98" x 0.80")
	Weight		36 g; 0.09 lb
	Housing		Plastic (ABS)
	Finish		Black
	Mounting		Standard box installation sizes (US Single gang, EU 60mm)

CERTIFICATIONS	Certifications/Directives		CE ROHS WEEE
	Electromagnetic Emissions		FCC Part 15 Subpart B Class A, ICES-003 Class A, EN 55032 Class A, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3
	Electromagnetic Immunity		EN 55024, EN 61000-6-2

Outline dimensions

70.8
[2.79]

20.8
[0.82]

50.0
[1.97]

GND
I/O
TAMPER

+
-
REX
NO
COM
NC

[X.X]	INCHES
X	MM

Ordering Information

PART NUMBER	DESCRIPTION
H4VI-AC-RELY1	Safety Relay for H4 Video Intercom (3.0C-H4VI-RO1-IR)