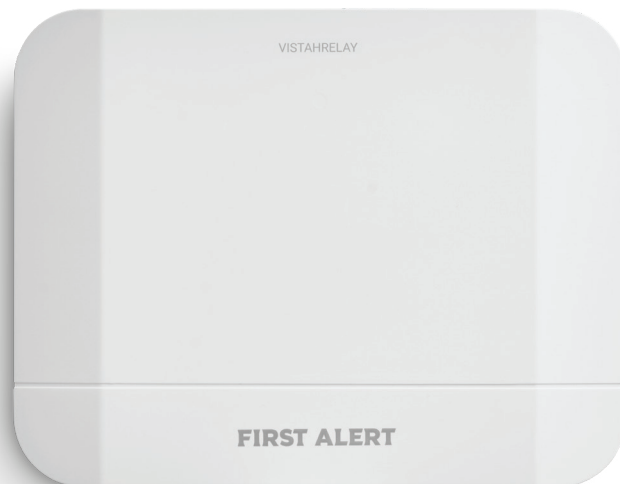


VISTA® H3 Hybrid Series Hardwired Relay Module

VISTA HRELAY

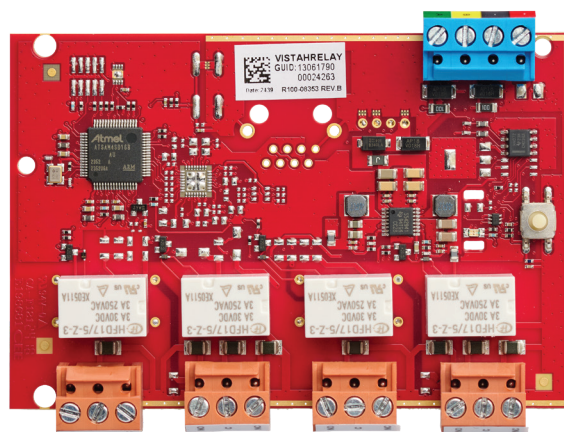
The VISTA HRELAY module allows up to four hardwired, form-C (SPDT) relay outputs per module to be added to the VISTA series control panels. It is mounted remotely and wired to the control panels iBus wiring terminals for power.

The module has a built-in tamper allowing detection and reporting if the front cover is removed and is supervised so if the wiring is cut a supervision alarm will result indicating the module may not be operational. The flexibility to mount the module on a surface wall or to a gang box depending on the installation environment and the terminal strips are removable to give installers easier access to help making wiring easier.



Specifications

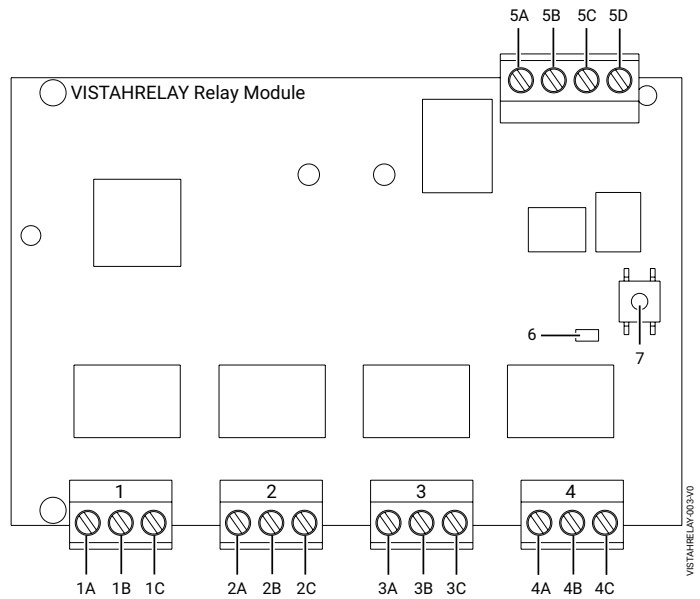
- Supports normally open, normally closed, common, double balanced, zone doubling and End of line resistors types
- Physical Dimensions: 6.93" W X 5.43" H X 1.99 D or 176mm W X 138mm L X 50.5mm D
- Electrical Input Voltage: 12VDC nominal (10-14VDC)
- Electrical Input Current: 25mA standby + 20mA per active relay
- Contact Rating: 3A max at 30VDC & #A max at 120/240VAC (Resistance Load)
- Power supply regulation on board – powered off the VISTA H3 controls power and battery backed up if panel losses AC.
- Loop Response Time = 400ms
- Required Loop Resistance = 2.2K ohm
- Operating Temperature: 32 to 122 F, 0 to 50 C
- Operating Humidity: 0-95% Max (Relative Humidity)
- NFPA-72 Compliant



SUMMARY OF CONNECTIONS

Relay 1	1A	Normally Open
	1B	Common
	1C	Normally Closed
Relay 3	3A	Normally Open
	3B	Common
	3C	Normally Closed
iBus	5A	Green: iBus A
	5B	Yellow: iBus B
	5C	Black: Negative (-)
	5D	Red: Positive (+)
	6	LED
	7	Tamper

Relay 2	2A	Normally Open
	2B	Common
	2C	Normally Closed
Relay 4	4A	Normally Open
	4B	Common
	4C	Normally Closed



iBus Wiring Limitations					
Wire Gauge (AWG)	Total Current of All Devices Connected to a Single Wire Run				
	50mA or less	100mA	300mA	500mA	600mA
#22	700ft (213m)	350ft (107m)	120ft (37m)	70ft (21m)	60ft (19m)
#20	1200ft (366m)	600ft (183m)	200ft (61m)	120ft (37m)	100ft (30m)
#18	1900ft (579m)	950ft (290m)	320ft (98m)	190ft (58m)	160ft (49m)
#16	3000ft (914m)	1500ft (457m)	500ft (152m)	300ft (91m)	260ft (76m)

Note: The length of all wire runs for all partitions combined must not exceed 3000 feet (914m) when unshielded quad conductor cable is used or 1500 feet (457m) if shielded cable is used.

Ordering Information

Part #

VISTA HRELAY

resideo

Resideo Technologies, Inc.
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 1-800-645-7492

For more information
resideo.com/pro

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