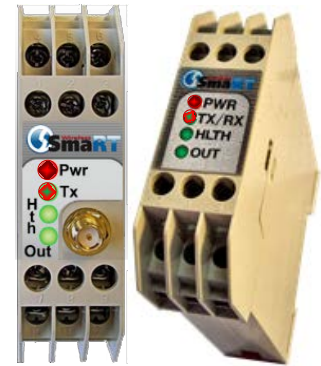


DIN-9H1R5 Base Unit

For Standard DIN Rail Mounting

Features

- ✓ 900MHz Spread Spectrum Technology
- ✓ Internal or External Antenna
- ✓ 1 Form C Relay Contact Output, 5 Form A Relay Contact Outputs
- ✓ DIN Enclosure with screw terminal connections
- ✓ Diagnostic LED indicators
- ✓ Compact Design



The SmaRT DIN-9H1R5 Base Unit for industrial control systems features one (1) Form C relay output that is rated at 10A max, and five (1) Form A relays rated at 5A max each. The SmaRT base unit enclosure allows it to be mounted either horizontally or vertically on a standard 35mm DIN rail.

SmaRT base units feature seamless association to a SmaRT hand-held unit without the need to open the case. Using Direct Sequence Spread Spectrum (DSSS) wireless technology at 900MHz, the base unit provides a robust direct-line-of-sight link with a SmaRT hand-held remote in congested radio environments.

Specifications

Power

V_{in}	+7V–32VDC
Operating Power	5W max.

Enclosure

Dimensions	inch: 0.89"W x 3.23"H x 3.90"D
Weight	4 oz.
Durability	Durable UL94V-0 rated ABS plastic

Environment

Operating Temp	-25°C to 60°C (-13°F to 140°F)
Storage Temp	-40°C to 85°C (-40°F to 185°F)
Humidity	0 to 95% non-condensing

Radio

Frequency	906-924MHz
RF Power	10mW
License	License Free
Modulation	DSSS
Antenna	Internal or External (RP-SMA)

Screw Terminals

Size	M3
Screwdriver	Flat or Phillips

LEDs

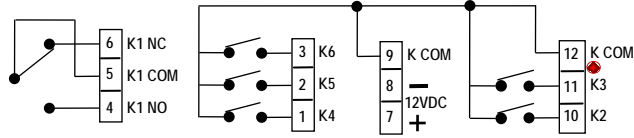
Out	Green	–	Active Output
Health	Green/sec	–	OK
	Red or amber/sec	–	Fault
TX/RX	Green	–	Transmit
	Red	–	Receive
Power	Red	–	OK

Outputs

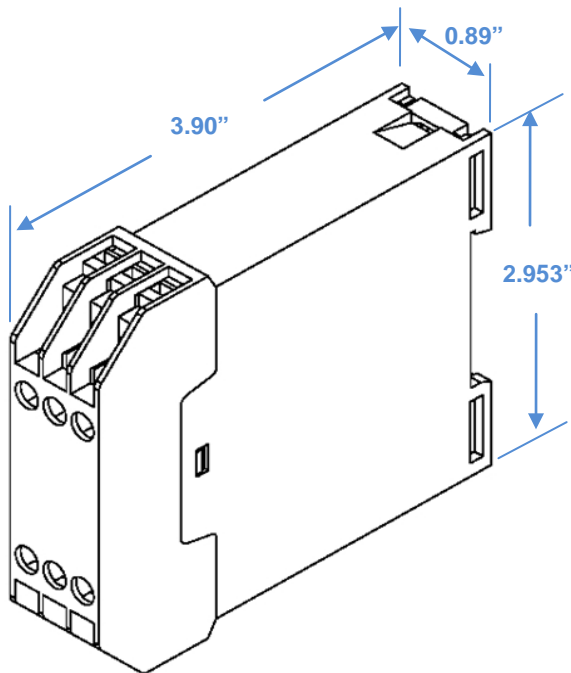
One	Relay, Form C
Five	Relays, Form A
Form C Rating	10A max. @ 250VAC/30VDC resistive load
Form A Rating	5A max @ 250VAC/30VDC resistive load 2A max @ 250VAC/30VDC inductive load
Total	20A max. using both wetting terminals

Terminal Wiring

- Terminal 6: K1 Normally Closed
- Terminal 5: K1 Common
- Terminal 4: K1 Normally Open
- Terminal 3: K6
- Terminal 2: K5
- Terminal 1: K4



- Terminal 9: K Common
- Terminal 8: - 12VDC
- Terminal 7: + 12VDC
- Terminal 12: K Common
- Terminal 11: K3
- Terminal 10: K2



DIN-9H1R5-EXT



DIN-9H1R5-INT

Options

Model	Freq.	RF Power	Outputs	Output Type	Antenna Type
DIN-9H1R5-INT	900MHz	10mW	6	1 Form C, 5 Form A	Internal
DIN-9H1R5-EXT	900MHz	10mW	6	1 Form C, 5 Form A	External