

Warrior DIN-9XWxR-MOD

Features

- ✓ RS-485 MODBUS Interface
- ✓ Optional Single Form A Relay
- ✓ Compact Design – IP40
- ✓ 900 MHz @ 100 mW FCC/IC License-Free
- ✓ External Antenna
- ✓ Easy Cable Termination System

The Warrior DIN-9XWxR-MOD is a cost-effective DIN-rail-mounted wireless remote-control receiver designed to integrate with programmable logic controllers (PLCs) mounted on machinery.

The DIN module works with the complete line of Cervis, Inc. Warrior wireless transmitters, including pushbutton handhelds and console boxes. The bi-directional radio is available in FCC/IC license-free 900 MHz radios for maximum flexibility. The DIN module runs an application that allows users to access specific registers to process transmitter/system information, allowing freedom of PLC application software developed by system integrators.

The Warrior DIN-9XWxR-MOD is enclosed in a 2.96" x 2.81" x 1.25" enclosure that easily mounts to 35-mm DIN rails and includes four diagnostic light-emitting diodes (LEDs).



Specifications

Power

Operating Voltage 9 to 36VDC

Environment

Operating Temp -13° to 158° F (-25° to 70° C)

Storage Temp -40° to 185° F (-40° to 85° C)

Humidity 0 to 95% Non-Condensing

Indicators (Red LEDs)

- HLTH** (Health)
- TX** (Transmit)
- RX** (Receive)
- ASC** (Association)

DIP Switches

- 1** On/Left – Relay controlled by master device
Off/Right – Relay closed when link established
- 2** Undefined
- 3** Undefined
- 4** On/Left – Association enabled
Off/Right – Association disabled

Enclosure

Material	Aluminum
Faceplate	Stainless steel
End Caps	Polyamide
DIN Rail Size	35 mm
Dimensions	inch: 2.96 x 2.81 x 1.25 mm: 75.06 x 71.48 x 31.75

Radio

Frequency	900 MHz @ 100 mW
License	FCC/IC License-free
Modulation	Channel-Hopping DSSS
Antenna	External (RP-SMA)

Relays

One	Type Form A
Contact Rating	2A max @ 220VDC, 250VAC

Connectivity

Protocol	MODBUS
Physical Layer	RS-485
Baud Rate	38400 bps
Transmission Type	Half Duplex



Table 1. Available Configurations

Model Number	Part Number	Number of Relays
DIN-9XW0R-MOD	19005501	None
DIN-9XW1R-MOD	19005502	Single