

VX4 Wireless Smart Thermostat, Programmable

The Verdant VX4 Series Thermostat with ZX-HV for high-voltage fan coil applications delivers optimal comfort and energy-efficiency in a sleek and modern design

Key features



Plug & Play Installation

Whether you're retrofitting an existing property or breaking ground on a new construction, our thermostat can be self-installed in less than 10 minutes per unit.



Seamless Networking

Connect up to 1,000 rooms through one hub with our built-in wireless mesh-networking that does not interfere with your Wi-Fi network.



Smart Integrations

Verdant integrates with industry-leading smart room technology, property management software, door locks and lighting solutions.



Online Management

Our easy-to-control interface, real-time alerts and notifications and monthly reporting makes it simple to manage your properties. Get access to additional reporting and priority customer support with Verdant Plus to ensure you reach your savings and sustainability goals



Energy Savings

Reduce HVAC runtime by setting personalized temperature schedules via the energy management system that allows full customization of energy savings to fit any situation.



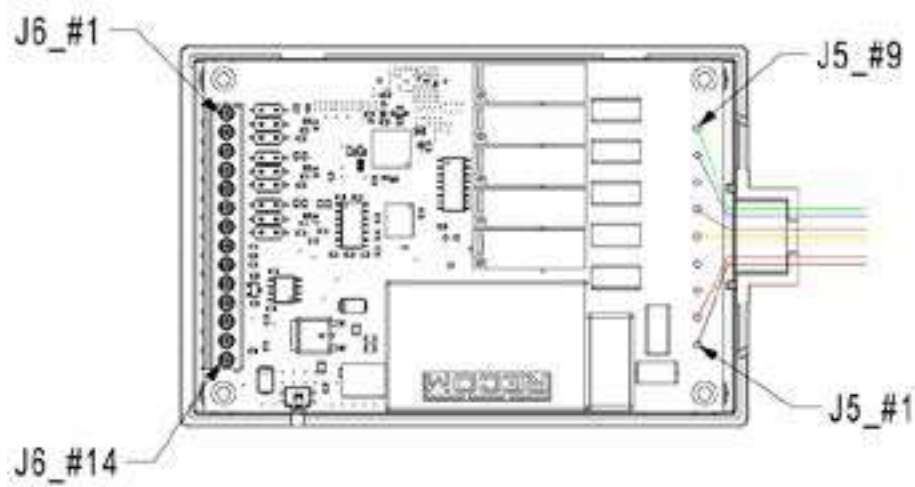
The VX4 with the ZX-HV works seamlessly with virtually every high voltage FCU, making it the perfect fit for your HVAC system setup.

Analog

J6 PIN #	Definition	Notes
1	GND	
2	A1_0	Input
3	A1_1	Input
4	GND	
5	A1_2	Input
6	A0_0	Input
7	GND	
8	A0_1	Input
9	A0_2	Input
10	RS_485_A	
11	RS_485_B	
12	+12V Output	
13	GND	
14	+12V Input	

Relays

J5 PIN #	Connection	Wire Color
1	Line Voltage	Black
2	Neutral	Red
3	/	/
4	Heating	White
5	Cooling	Yellow
6	AUC (OCC OUT)	Brown
7	/	/
8	Fan Low	Purple
9	Fan High	Green



High-Voltage Control Card Specs

Mechanical		
Case dimensions	4.08" x 2.76" x 1.02" (104mm x 70mm x 26mm)	
Inputs	(3) Analog 12VDC	
Outputs	12 VDC	
Operating Voltage	110-277 VAC 50/60 Hz 9-15 VDC (OUT)	
Terminals Max Load: (Y, W, AUX) 0.5A (GL, GH) 2.0A (GH/GL + Y/W + AUX) 3.0A Max 3 relays operated simultaneously	Fan High (GH) Fan Low (GL) Compressor (Y)	Heat (W) Occupancy (AUX) AUX 2

Communications	
Wireless Frequency	902-928MHz (NA) 863-870MHz (EU)
Mesh Network	No provisioning needed. Proprietary Sub-GHz communication protocol
Certifications	
North America Certifications	FCC ID: XEY-ZX-HV IC: 8410A-ZX-HV

Europe Certifications	CE: Yes REACH: Yes	ROHS: Yes WEEE: Yes
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