NEXT GENERATION SWITCHING RELAY

The Taco® Next Generation Switching Relay is the professional's choice for reliable, high-performance zoning control. Designed with advanced features, installer-friendly components, and smart connectivity, it delivers the performance and flexibility needed to meet the demands of today's hydronic systems.

Key features include:
- Smart Thermostat Compatibility
- Multi-Functional Timer and Boiler Relay Options
- External LED Diagnostic Indicators
- Switchable Priority and Post Purge Functions
- Contractor-Friendly PC Board Layouts
- Bluetooth® Connectivity with the Taco Control App

With the integrated Bluetooth® connection, the Taco Switching Relay can be quickly configured and customized via the Taco Control mobile app, making it easy to tailor system operation to meet your customer's specific comfort and efficiency needs.

Whether using the standard out-of-the-box configuration or customizing through the app, the enhanced Switching Relay offers a fast, intuitive installation process and dependable performance—making it the ideal solution for any zoning application.

Job		Contractor		Item no.	
Engineer		Rep.		Model no.	

Next Generation Switching Relays

Taco Next Generation Electronic Controls are the ideal solution to all your zoning system requirements. For installers seeking a quick and straightforward installation, the new Taco Enhanced Switching Relay can be set up using a standard configuration or customized through our Taco Control mobile app. This relay features compatibility with smart thermostats, a multi-functional timer, boiler relay options, LED diagnostics, mobile feedback, switchable modes, and more.

Wiring Diagram
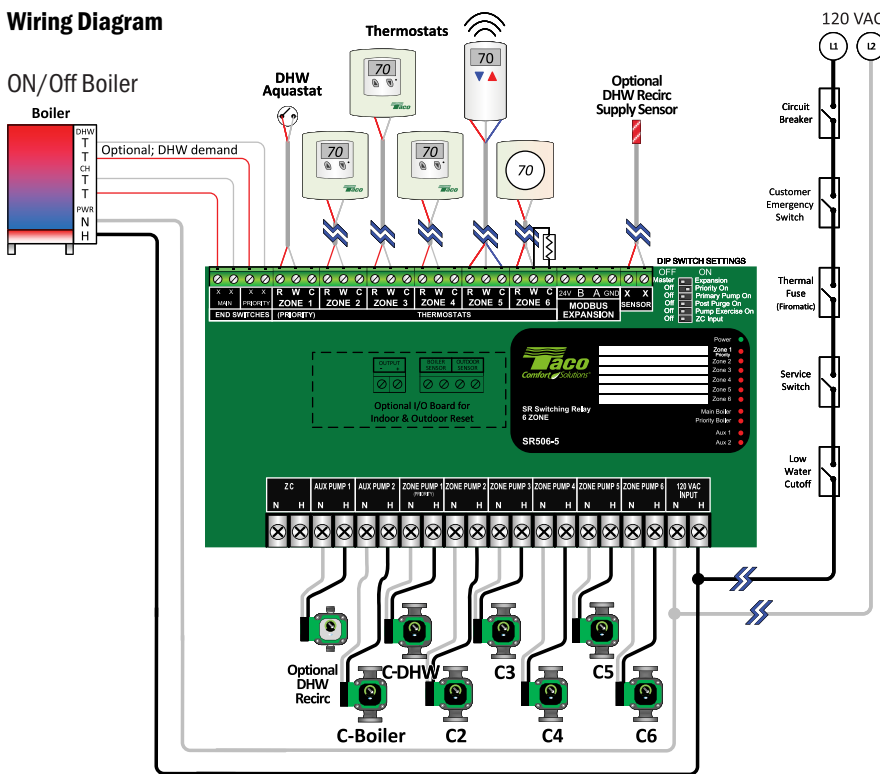
Next Generation New Features

- Front Diagnostic Lights
- Switchable Priority
- Built-in Priority Protection
- Simplified Wiring
- Premium Sealed Relays
- Compact Design
- Fuse Protected
- 100% Factory Tested
- Isolated End Switch
- Contractor Friendly PC Board Layout
- Universal Thermostat Compatibility
- 24 Volt Power Output
- For hard wired thermostats
- Field Replaceable Transformer
- Extended 3 Year Warranty
- PC-800-5 is sold separately

Standard Features

- Built-in; Post Purge and Pump Exercise Functions
- Switchable Primary Circulator Output
- Two Boiler Contacts, Utilizes Full Functionality of Mod-Con Boilers
- Expandable to 20 Zoning Panels (120 zones if all are six zone panels)
- Taco Control Mobile App (not Rrquired for all functions)
- Wireless Update Capabilities
- Four Programmable Outputs
- DHW Recirculation Smartplus® Logic
- Diagnostic Lights for All Outputs
- Additional Space for Wiring
- More Space To Write Zone Information
- Easy to Remove Hinged Cover
- Rear Knockouts
- Indoor Reset Control (Load Reset)
- Outdoor Reset Control (Weather Compensation)
- Standard Control Upgradeable to Reset Model
- Modbus Communication

Next Generation Switching Relays

Product Number	Number of Zones	Transformer Voltage	Maximum Combined Load	Dimensions of Enclosure		
				Width	Height	Depth
SR501-5*	1 Zone	120 VAC Input	12 amps	5"	6-1/2"	2-3/8"
SR502-5	2 with Priority	120 VAC Input	15 amps	12-1/2"	8-1/2"	2-5/8"
SR503-5	3 with Priority	120 VAC Input	15 amps	12-1/2"	8-1/2"	2-5/8"
SR504-5	4 with Priority	120 VAC Input	20 amps	12-1/2"	8-1/2"	2-5/8"
SR506-5	6 with Priority	120 VAC Input	20 amps	12-1/2"	8-1/2"	2-5/8"

Basic functionallity, most features N/A

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