470 Beauty Spot Rd. E
Bennettsville, SC 29512

SUBMITTAL SHEET
THZ SERIES SSR CONTROL PANELS
INDUSTRIAL/COMMERCIAL/ RESIDENTIAL CONTROLS



CAPACITIES
• Power Supply Voltage: 120-480V 1 & 3P
• Control Voltage: 24vdc
• NEMA Type 1 and NEMA Type 3R enclosures
• 1-20 Zone Control
• GFI protection

See Selection Chart for all Options

THZ SERIES SSR CONTROL PANELS

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY: _____ DATE: _____

TAG/ITEM	QTY.	CATALOG NUMBER	# OF ZONES / CIRCUITS	INCOMING VOLTAGE AND PHASE	OUTGOING VOLTAGE AND PHASE	CONTROL VOLTAGE	ENCLOSURE TYPE (1/3R)	GFI (Y/N)

SUBMITTED BY:	DATE

APPROVED BY:	DATE

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS*

SSR CONTROL PANEL

THZ Series SSR Control Panels shall be supplied QMark®, a Marley Engineered Products® Brand, Bennettsville, SC, USA, and shall be of the voltage, phase, and circuits specified in the schedule. They shall be certified to cULus listed under standard 2021. QMark's SSR Panels are the most effective method of controlling your Thermazone, Thermazone Thin, and FRP/FRS heaters, among a wide variety of other units as well. Each SSR Panel model is designed to allow for field designation of one or multiple zones, offering complete customization when controlling heaters individually or in groups. Each 30A SSR is able to carry one or several heaters. These SSR panels are often partnered with rheostats or cycle timers, but may also be controlled with thermostats, on/off switches, timers, and other 24vdc controllers. QMark® SSR panels are factory wired for quick and efficient installations and offer an efficient solution for every project. Custom SSR panels available upon request.

SOLUTION OVERVIEW

- Nema Type 1 standard w/ Type 3R enclosure available, cULus listed and labeled.
- 24vdc Control Voltage.
- Suitable for rheostats or cycle timers, and other higher cycle controllers
- Single and Three phase panels available with 30A SSR in 2, 5, 10 or 20 circuit designs. Supply voltage from 120-480V.
- Single and multi-zone control capability.
- Nothing to program, all the intelligence is in the low voltage control.
- GFI Protection can be added to all SSR's in the 2SR, 5SR, or 10SR Sizes

QMark reserves the right to change specifications without prior notice.

				DIMENSIONS HXWXD			
MODEL #	DESCRIPTION	SUPPLY VOLTAGE	PHASE	TYPE 1 ENCLOSURE SIZE	TYPE 1 "-GFI" ENCLOSURE SIZE	TYPE 3R "-3R" ENCLOSURE SIZE	TYPE 3R "-3R-GFI" ENCLOSURE SIZE
2-CIRCUIT PANEL							
QR-THZ-S30-2SR-24DC	2 SSR's, 30amps each, 24vdc control	120-480	1	20"x16"x8"	30"x24"x6"	20"x16"x8"	24"x20"x6"
QR-THZ-T30-2SR-24DC	2 SSR's, 30amps each, 24vdc control	208-480	3	20"x16"x8"	30"x24"x6"	20"x16"x8"	24"x20"x6"
5-CIRCUIT PANEL							
QR-THZ-S30-5SR-24DC	5 SSR's, 30amps each, 24vdc control	120-480	1	20"x20"x8"	30"x24"x8"	30"x24"x8"	30"x24"x8"
QR-THZ-T30-5SR-24DC	5 SSR's, 30amps each, 24vdc control	208-480	3	24"x20"x8"	30"x24"x8"	30"x24"x8"	30"x24"x8"
10-CIRCUIT PANEL							
QR-THZ-S30-10SR-24DC	10 SSR's, 30amps each, 24vdc control	120-480	1	30"x24"x8"	30"x24"x8"	30"x24"x8"	36"x30"x8"
QR-THZ-T30-10SR-24DC	10 SSR's, 30amps each, 24vdc control	208-480	3	30"x24"x8"	30"x24"x8"	30"x24"x8"	36"x30"x8"
20-CIRCUIT PANEL							
QR-THZ-S30-20SR-24DC	20 SSR's, 30amps each, 24vdc control	120-480	1	36"x24"x8"	N/A	42"x30"x8"	N/A
QR-THZ-T30-20SR-24DC	20 SSR's, 30amps each, 24vdc control	208-480	3	36"x30"x8"	N/A	42"x30"x8"	N/A

MODEL #	DESCRIPTION
-3R	Upgrade the Contactor Panel or SSR Panel to a Type 3R enclosure
-GFI	GFI protection to the control panel

Optional Local Controls:

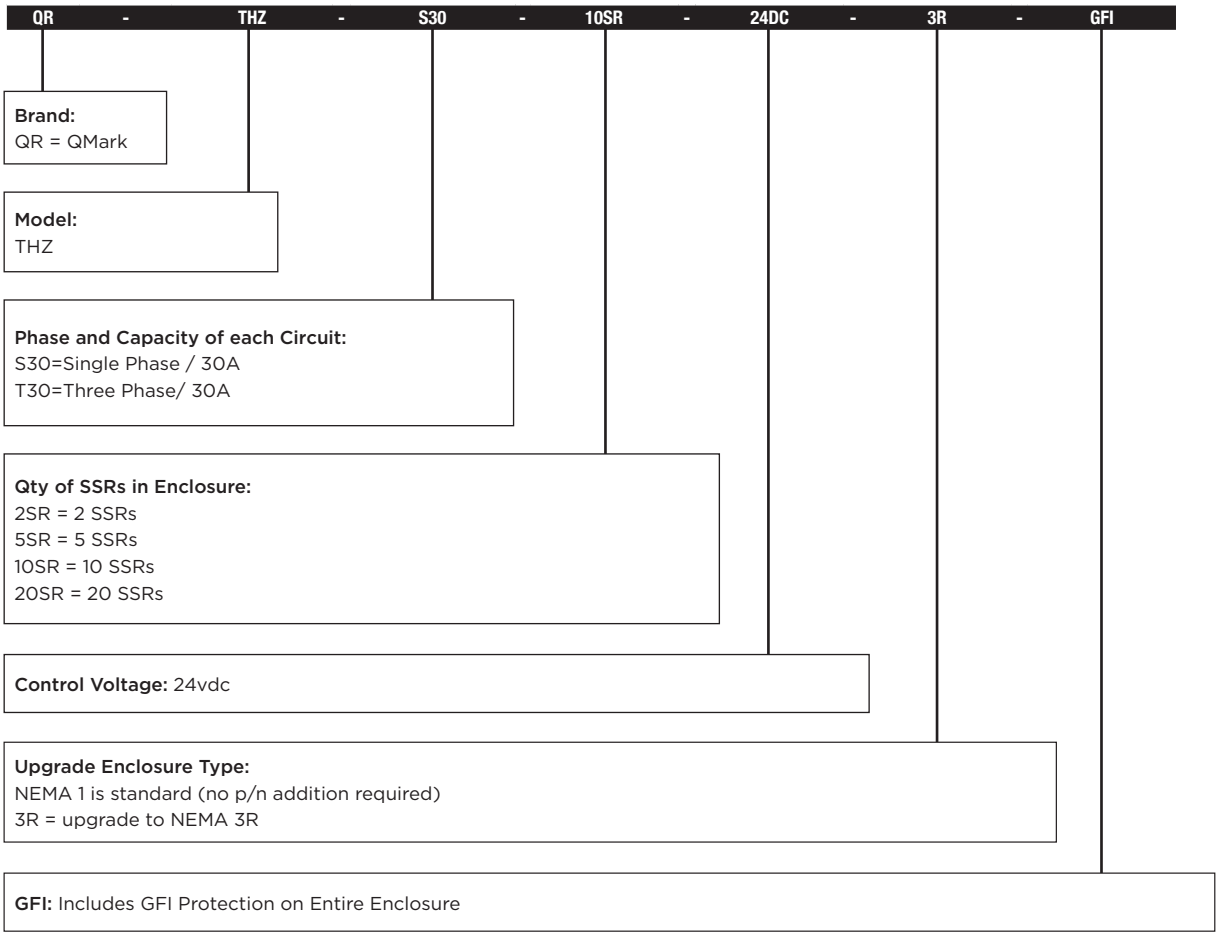
					SUITABLE WITH		
MODEL #	DESCRIPTION	SUPPLY VOLTAGE	PHASE	AMP RATING	CONTACTOR PANEL	STAND ALONE	SSR PANEL
TZ-REM-PT	Fixed Cycle Controller w/ Adjustable Output	120/24	1	NA	-	-	✓
TZ-PCT	Adjustable Cycle Controller w/ Adjustable Output	120/240	1	28	✓	✓	✓
TZ-TIMER	0-60 Min Heavy Duty In-Wall On/Off Timer	120/240	1	28	✓	✓	✓
TZ-TIMER2HR	0-120 Min Heavy Duty In-Wall On/Off Timer	120/240	1	20	✓	✓	✓
TZ-HUB	App Based Z-Wave Wireless Connection Hub	120	1	NA	✓	✓	✓
TZ-SWITCH	App Based Z-Wave Wireless Junction Box	120/240	1	40	✓	✓	✓

"Optional controls suitable for isolated control of your heater(s), or to be paired with QMarks line of control panels to operate banks of heaters together. Options range from adjustable output cycle timers with fixed and adjustable cycle times, to standard on/off timer control, and introducing market leading Z-Wave app based control for easy operation from your phone."

Approvals: _____ _____ _____

How to Order

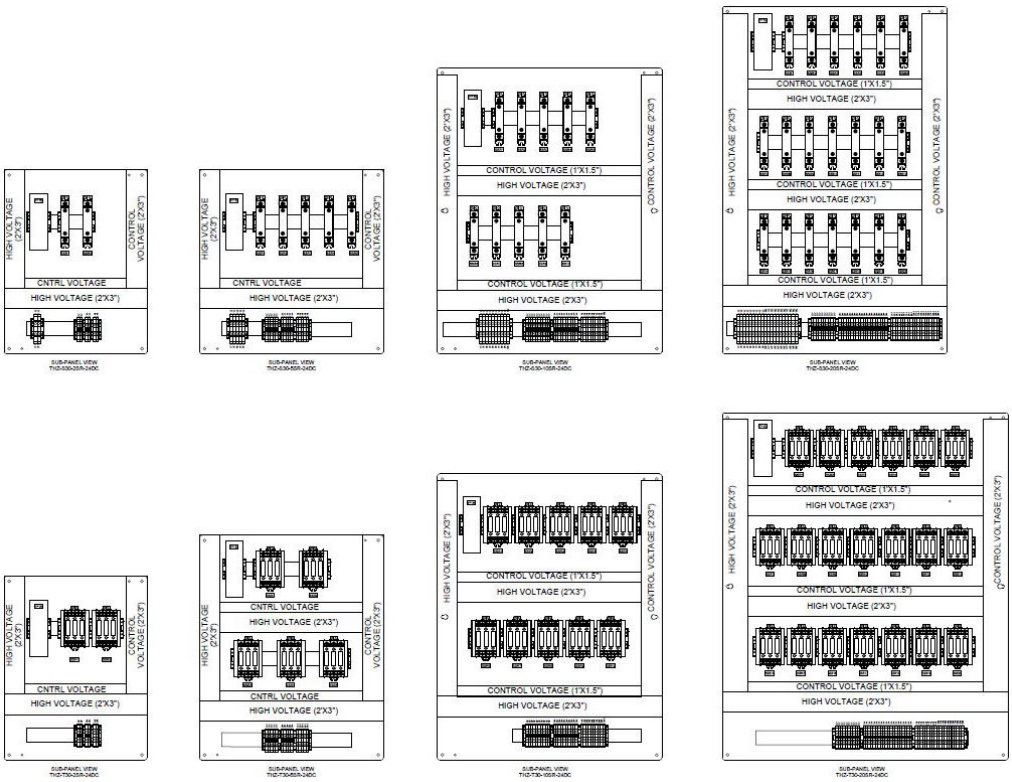
Example:

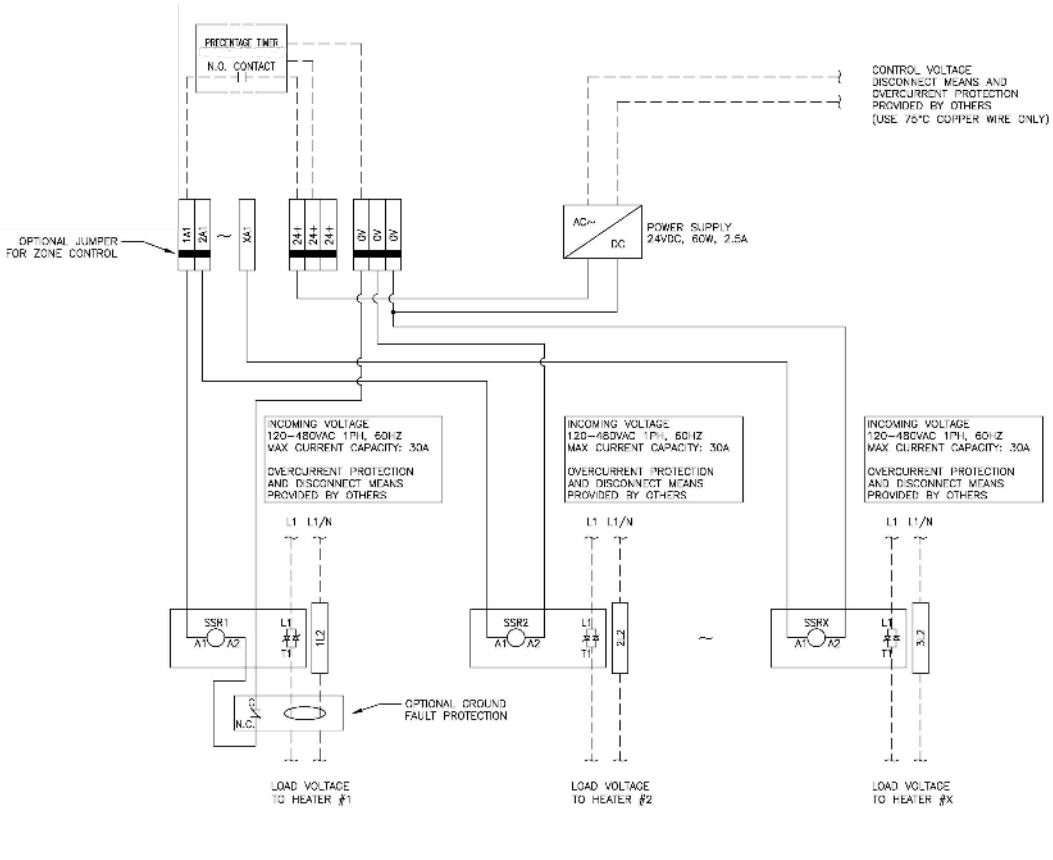


Approvals: _____ _____ _____

THZ SERIES SSR CONTROL PANELS

THZ SSR Panel Layout - STD Type 1 Enclosure





No matter the industry or application, Marley Engineered Products has a robust portfolio of innovative, reliable, high-performance comfort heating and ventilation solutions for all your heating needs.

For more information or assistance on your next project, contact Technical Services at 800-642-4328

Scan the QR code to access additional specs and features

Approvals: _____ _____ _____