CONTROLS
Industrial/Commercial/Residential Controls



Contactor Panel



SSR Panel

Technical Specifications:

- Power Supply Voltage: 120-600V, 1 & 3P
- Control Voltage: 24VDC, 24VAC, 120V
- NEMA Type 1 and NEMA Type 3R enclosures
- cULus
- 1-20 Zone Control
- GFI protection

Ideal for use with:

Simple Thermostats
Programmable Thermostats
Timers
On/Off Switch
Rheostat
Cycle Timers

- Nema Type 1 and Type 3R enclosure available, cULus listed and labeled contactor panel.
- 24V and 120V Control Voltage available.
- Suitable for low and medium cycle controllers to include: standard wall thermostats, smart thermostats, on/off, timers, rheostats and percentage timers.Single phase panels available with 30A contactors in 2, 5, 10 or 20 unit designs. Supply voltage from 120-600V.
- Three phase panels available with 30A or 60A contactors in 2, 5, 10 or 20 unit designs. Supply voltage from 208-600V.
- Single and multi-zone control capability.
- GFI protection can be added to all 30A options for the 2, 5, and 10 circuits panels.
- Custom panels available to include BMS integration, touch screen control, safety disconnects, and anything else your project requires.

c UL us

1 YEAR WARRANTY WORKMANSHIP

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Contactor Panels:

MODEL #	DESCRIPTION	SUPPLY VOLTAGE	PHASE	DIMENSIONS HXWXD			
				TYPE 1 ENCLOSURE SIZE	TYPE 1 "-GFI" ENCLOSURE SIZE	TYPE 3R "-3R" ENCLOSURE SIZE	TYPE 3R "-3R-GFI" ENCLOSURE SIZE
2-CIRCUIT PANEL							
BR-THZ-S30-2C-0	2 DP Contactors, 30amps each, 24vac control	120-600	1	20"x16"x6"	24"x16"x6"	20"x16"x6"	24"x20"x6"
BR-THZ-S30-2C-1	2 DP Contactors, 30amps each, 120vac control	120-600	1	20"x16"x6"	24"x16"x6"	20"x16"x6"	24"x20"x6"
BR-THZ-T30-2C-0	2 DP Contactors, 30amps each, 24vac control	208-600	3	20"x16"x6"	24"x20"x6"	20"x16"x6"	24"x20"x6"
BR-THZ-T30-2C-1	2 DP Contactors, 30amps each, 120vac control	208-600	3	20"x16"x6"	24"x20"x6"	20"x16"x6"	24"x20"x6"
5-CIRCUIT PANEL							
BR-THZ-S30-5C-0	5 DP Contactors, 30amps each, 24vac control	120-600	1	24"x16"x6"	24"x24"x6"	24"x20"x6"	24"x20"x6"
BR-THZ-S30-5C-1	5 DP Contactors, 30amps each, 120vac control	120-600	1	24"x16"x6"	24"x24"x6"	24"x20"x6"	24"x20"x6"
BR-THZ-T30-5C-0	5 DP Contactors, 30amps each, 24vac control	208-600	3	24"x24"x6"	30"x24"x6"	24"x24"x6"	30"x24"x8"
BR-THZ-T30-5C-1	5 DP Contactors, 30amps each, 120vac control	208-600	3	24"x24"x6"	30"x24"x6"	24"x24"x6"	30"x24"x8"
BR-THZ-T60-5C-0	5 DP Contactors, 60amps each, 24vac control	208-600	3	30"x24"x8"	N/A	30"x24"x8"	N/A
BR-THZ-T60-5C-1	5 DP Contactors, 60amps each, 120vac control	208-600	3	30"x24"x8"	N/A	30"x24"x8"	N/A
10-CIRCUIT PANEL							
BR-THZ-S30-10C-0	10 DP Contactors, 30amps each, 24vac control	120-600	1	24"x20"x6"	30"x24"x6"	24"x20"x6"	36"x24"x8"
BR-THZ-S30-10C-1	10 DP Contactors, 30amps each, 120vac control	120-600	1	24"x20"x6"	30"x24"x6"	24"x20"x6"	26"x24"x8"
BR-THZ-T30-10C-0	10 DP Contactors, 30amps each, 24vac control	208-600	3	30"x24"x6"	36"x24"x6"	30"x24"x8"	36"x30"x8"
BR-THZ-T30-10C-1	10 DP Contactors, 30amps each, 120vac control	208-600	3	30"x24"x6"	36"x24"x6"	30"x24"x8"	36"x30"x8"
BR-THZ-T60-10C-0	10 DP Contactors, 60amps each, 24vac control	208-600	3	30"x24"x6"	N/A	30"x24"x8"	N/A
BR-THZ-T60-10C-1	10 DP Contactors, 60amps each, 120vac control	208-600	3	30"x24"x6"	N/A	30"x24"x8"	N/A
20-CIRCUIT PANEL							
BR-THZ-S30-20C-0	20 DP Contactors, 30amps each, 24vac control	120-600	1	36"x24"x6"	N/A	36"x24"x8"	N/A
BR-THZ-S30-20C-1	20 DP Contactors, 30amps each, 120vac control	120-600	1	36"x24"x6"	N/A	36"x24"x8"	N/A
BR-THZ-T30-20C-0	20 DP Contactors, 30amps each, 24vac control	208-600	3	36"x36"x6"	N/A	36"x30"x8"	N/A
BR-THZ-T30-20C-1	20 DP Contactors, 30amps each, 120vac control	208-600	3	36"x30"x6"	N/A	36"x30"x8"	N/A
BR-THZ-T60-20C-0	20 DP Contactors, 60amps each, 24vac control	208-600	3	36"x30"x6"	N/A	36"x30"x8"	N/A
BR-THZ-T60-20C-1	20 DP Contactors, 60amps each, 120vac control	208-600	3	36"x30"x6"	N/A	36"x30"x8"	N/A

SSR Panels:

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

ADD TO 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:

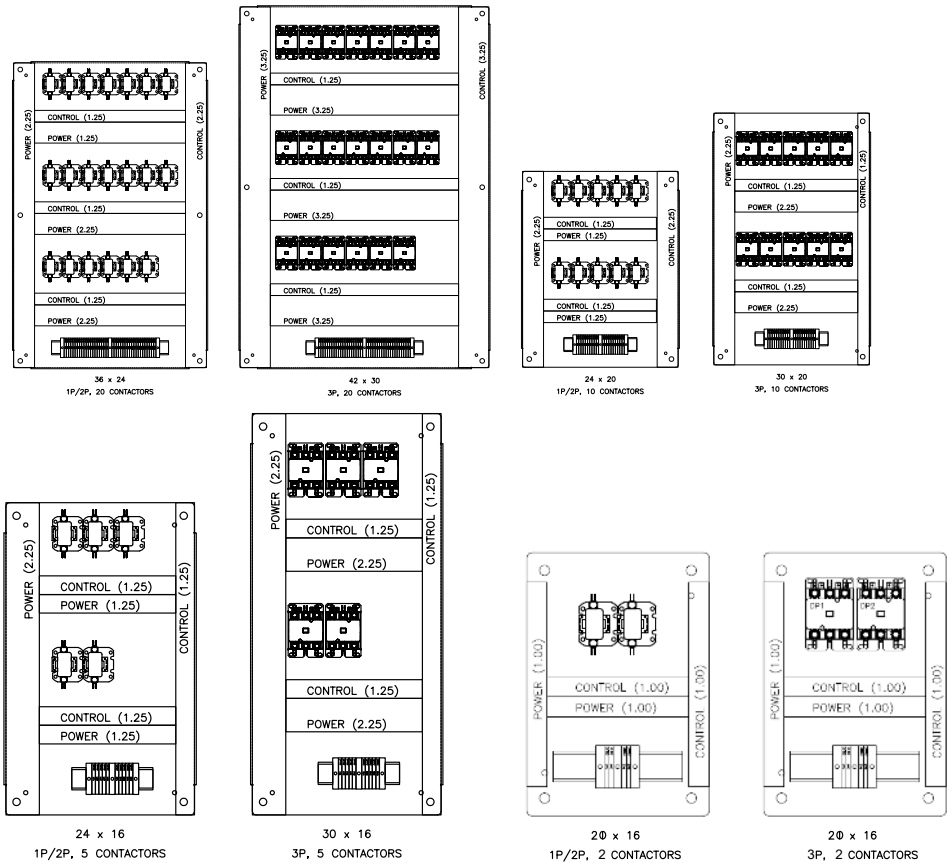
MODEL #	DESCRIPTION	SUPPLY VOLTAGE	PHASE	AMP RATING	SUITABLE WITH		
					CONTACTOR PANEL	STAND ALONE	SSR PANEL
TZ-REM-PT	Fixed Cycle Controller w/ Adjustable Output	120/24	1	NA	-	-	✓
TZ-PCT	Adjustable Cycle Controller w/ Adjustable Output	120/240	1	28	✓	✓	✓
TZ-TIMER	0-60 Min Heavy Duty In-Wall On/Off 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 Berkos 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."

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Scan the QR code to access additional specs and features

THZ Contactor Panel Layout - STD Type 1 Enclosure



THZ SSR Panel Layout - STD Type 1 Enclosure

