



Thyristor Controllers

Single & Three Phase Controllers

These Thyristor controls accept 0-10VDC input signals from temperature controllers to regulate the current flow to electric heaters or other resistive loads in order to achieve accurate proportional control. The unit operates on burst fire zero voltage switched principle. The FULL load is switched on & off on timed bursts and is proportional to the input signal

EY1... & EY3... Series

Phase Type	Mounting Type	Max Heater Duty kW	Supply VAC 50/60Hz	Internal Fuse	Part No.	Price Each
Single	DIN Rail	1.5	230	- *	EY1-1.5	£42.00
		3.5	230	15A	EY1-3	£91.00
		7.0	230	30A	EY1-7	£123.00
		12.5	230	55A	EY1-12	£281.00
		10	415	15A/Ph	EY3-10	£152.00
		20	415	30A/Ph	EY3-20	£215.00
Three	DIN Rail	28	415	40A/Ph	EY3-28	£331.00
		36	415	55A/Ph	EY3-36	£439.00
		54	415	75A/Ph	EY3-54	£536.00
		86	415	120A/Ph	EY3-86	£712.00
		105	415	160A/Ph	EY3-105	£863.00
		150	415	220A/Ph	EY3-150	£1,400.00

* The EY-1.5 does not have a fitted internal fuse. A high speed semi-conductor fuse should be fitted externally.



Single Phase Controllers

This range of Triac Control Assemblies provide full seamless control of single phase electric heating loads. The controllers incorporate a temperature trip, automatic reset, integral semi-conductor fuses and heatsink.

Features

- 0-10Vdc or 0-5Vdc control input
- Over temperature protection with auto zero
- No additional heatsinks required
- No external 24V supply required
- No external RFI filters required

RE-PR1 Series

Current kW	Part No.	Price Each
1.1	PR1-1.KW	£31.50
1.5	PR1-E-1.5KW	£47.00
3	PR1-E-1.3KW	£58.00
6	PR1-E-1.6KW	£73.00
9	PR1-E-1.9KW	£145.00
12	PR1-E-12KW	£173.00
18	PR1-E-18KW	£193.00
24	PR1-E-24KW	£235.00

Three Phase Controllers

The RE-PR3-DIN-xx range of thyristor stacks provides full seamless control of 415V supply loads. They incorporate a temperature trip, automatic reset, alarm output, LED indication (output on) and heatsink.

Features

- 0-10Vdc control input
- Over temperature protection with auto reset
- No additional heatsinks required

RE-PR3 Series

Current kW	Part No.	Price Each
1.5	PR3DIN-1.5KW	£45.00
3	PR3DIN-1.3KW	£53.00
5	PR3DIN-5KW	£67.00

Three Phase Controllers Closed

These thyristor control assemblies provide full seamless control of 3-phase resistive loads of up to 27, 36, 54 & 86kW. The controllers incorporate a temperature trip, automatic reset, alarm output, LED indication (output on) and heatsink.

Features

- 0-5Vdc or 0-10Vdc control input
- Over temperature protection with auto reset
- No additional heatsinks required
- No external 24V supply required

RE-PR3-E Series

Current kW	Part No.	Price Each
12	PR3-E-12KW	£99.00
18	PR3-E-18KW	£130.00
27	PR3-E-27KW	£210.00
36	PR3-E-36KW	£270.00
54	PR3-E-54KW	£305.00
86	PR3-E-86KW	£400.00
105	PR3-E-105KW	£495.00
150	PR3-E-150KW	£765.00

