



SAVIK ENTERPRISES

AN ISO 9001:2015 ACCREDITED

Product Brochure



www.savikenterprises.com

Contact Details : +91 8308839755

[Mail ID : savikenterprises@yahoo.co.in](mailto:savikenterprises@yahoo.co.in)



Thyristor Heater/Power Controllers

We offer Thyristor Power Controllers, as per industry standard specifications. The product range includes Single phase controllers as well as Three phase controllers. Though products are available in standard specifications, we also offer customized product as per customer's requirement and specifications.



Single Phase Controller :.

Sr. No.	Electrical Parameter	Value
1.	Rating	Upto 30 A
2.	Input	230 V $\pm$ 10%, 50 Hz
3.	Output	0 to 90 %
4.	Control Input	4 to 20 mA signal by external process 0 to 10 V DC signal by external process
5.	RMS on state voltage	1.8 or 3.0
6.	Controller details	Output voltage proportional to input control signal by phase angle control of thyristor
7.	Indications	Power On, Control On
8.	Adjustment	Voltage Settings
9.	Protection	Protection by RC Snubber
10.	Mounting	Open execution module suitable to mount inside panel
11.	Dimensions	205 mm x 145 mm x 100m (H x W x D)



Three Phase Controller :.

Sr. No.	Electrical Parameter	Value
1.	Rating	300 A
2.	Input	415 V $\pm$ 10%, 50 Hz, 3 Phase 4 wire input
3.	Output	0 to 90 %
4.	Control Input	4 to 20 mA signal by external process 0 to 10 V DC signal by external process
5.	RMS on state voltage	1.8 or 3.0
6.	Controller details	Output voltage proportional to input control signal by phase angle control of thyristor
7.	Indications	Power On, Over Current Trip
8.	Adjustment	Voltage Settings
9.	Protection	Protection by RC Snubber
10.	Mounting	Open execution module suitable to mount inside panel



Features and benefits

- More accurate temperature control.
- Improved heater life.
- Least amount of stresses on heater element.
- Isolated control section.
- Over current tripping.
- Very low & easy for maintenance.
- Also suitable for Inductive Loads.
- Available single phase units upto 5 kW & Three phase units upto 200 k
- High sensitivity
- Over Current limit
- Single Phasing Protection
- Semiconductor Fuses
- Soft Start
- Regulation Through Auto/ Manual Mode
- Over Temperature protection by Heatsink



Applications

- For fast heater switching
- To switch higher amperage electric heaters
- To control variable resistance heaters
- To control transformers coupled resistance heaters
- In high-speed paper and ink dryers, high temperature IR heating, high temperature materials processing
- High temperature ovens and furnaces, kilns, glass, ceramics & high temperature alloys

Product Range

Thyristor Heater Controller	Single Phase	Control : 4 to 20 mA Output : 6 Kilowatt
	3 Phase	Control : 4 to 20 mA Output : 50 Kilowatt
		Control : 4 to 20 mA Output : 100 Kilowatt
		Control : 4 to 20 mA Output : 300 Kilowatt

Note: In addition to above standard products, customized products are also available as per application's requirement



**SAVIK
ENTERPRISES**

AN ISO 9001:2015 Accredited

Email: savikenterprises@yahoo.co.in

www.savikenterprises.com

Mob : +91 8308839755

Contact Us

Savik Enterprises

Mr. Vidyadhar Kale

724/9A, Indira, Senadatta Peth,

Near Prasanna Datta Mandir,

Pune, Maharashtra

India

Call Us @ +91 83088 39755 / +91 95525 35217

Email Id: savikenterprises@yahoo.co.in

Web : www.savikenterprises.com



For latest product updates, Like Us & Follow Us on Facebook right now !

