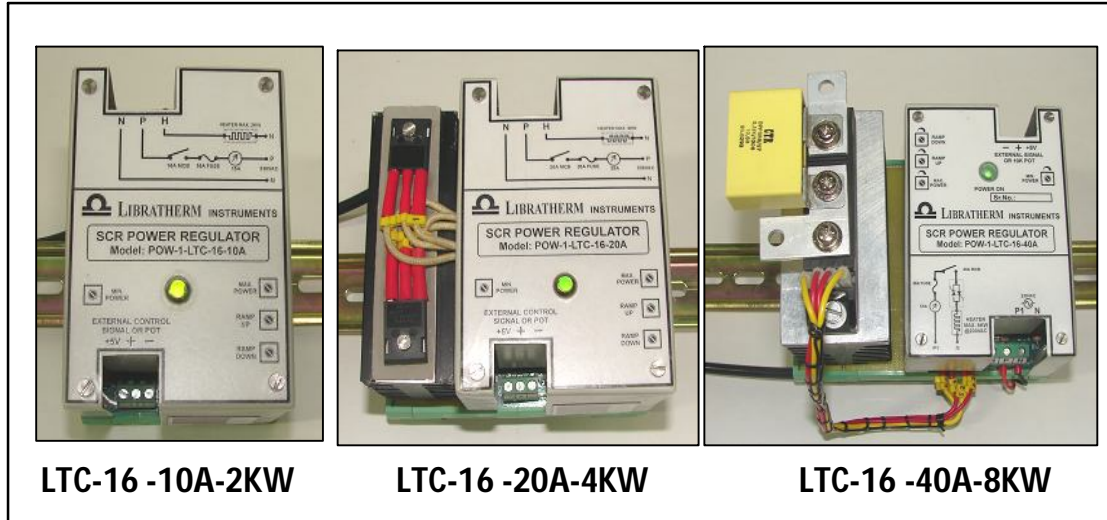


## Single Phase (2 To 8kw) Din Rail Mount SCR Based Power Regulator (Product Code 21.2)



### Model Wise Description:

Sr.No	Model	Product Description	Size (mm.)
21.2.1	LTC-16-10A-2KW	Single Phase back to back SCR based power regulator	115 x 80 x 90(10A)
21.2.2	LTC-16- 20A-4KW	Single Phase back to back SCR based power regulator	115 x 115 x 90 (20A)
21.2.3	LTC-16-40A-8KW	Single Phase back to back SCR based power regulator	115 x 135 x 150 (40A)

### Description:

Libratherm offers Single phase power regulator model LTC-16 for Heating control of resistive or inductive loads. This regulator accepts the user selectable control signal of 0-5V, 0-10V and 4-20mA or through potentiometer. The output voltage can be varied proportional to the input signal. The built in back to back connected SCR can control the load of 10A (2KW), 20A (4KW) and 40A (8KW) @ 230VAC. The phase angle firing control technique ensures smooth and gradual voltage control across the load. Facility is also provided to adjust the soft rise or fall in voltage across the load using on card Ramp UP and Ramp Down potentiometers. The maximum and minimum voltage output can also be adjusted. LTC-16 can be easily mounted on the standard 35 mm. DIN rail.

## Technical Specifications:

<b>Item</b>	Single Phase back to back SCR based power regulator
<b>Model</b>	LTC-16-XX ( XX = 10A, 20A and 40A)
<b>Control Input (Linear)</b>	0-5V, 0-10V, 4-20mA (DIP switch selectable)
<b>Firing Technique</b>	Phase angle control (Self Synchronized).
<b>Supply Voltage</b>	230VAC +/- 10%, 50/60Hz
<b>Output Voltage (Single phase Load)</b>	0 to 230VAC with respect to neutral and proportional to control input.
<b>Load Current</b>	10A to 40A @ 230VAC
<b>Ramp Up/Down and Max./Min Power</b>	Adjustable using on card single turn presets.
<b>Mounting</b>	35 mm. DIN rail.
<b>Sizes (l x w x h)</b>	115 x 80 x 90 (10A), 115 x 115 x 90 (20A), 115 x 135 x 150 (40A)

Specifications are subject to change due to Product upgradation.