

SCR Single Phase Half/Full Controlled Bridge Converter



Product Categories: [Electronics](#), [Engineering Equipment](#), [Power Electronics Lab](#), [Power Electronics Lab](#)

Product Page:

<https://www.labappara.com/product/scr-single-phase-half-full-controlled-bridge-converter/>

Product Description

SCR Single Phase Half/Full Controlled Bridge Converter

Features: The board consists of following built-in parts:

UJT relaxation oscillator and triggering pulse generator with resistance ramp control

Three numbers of pulse transformers each 1:1:1 type

Mains transformer having outputs 0-12V at 100 mA, 0-12V at 100 mA & 0-32V at 500 mA

Two SCRs connected in pulse amplifier and extender configuration and used as auxiliary SCR for triggering main SCRs under reactive load

Two SCRs and two diodes connected in half-controlled bridge configuration

Four SCRs connected in full wave bridge configuration

Resistive, Inductive and Capacitive load which can be used individually or in combinations

Mains ON/OFF switch, Fuse and Jewel light

The unit is operative on 230V \pm 10% at 50Hz A.C. Mains

Weight : 3 Kg. (Approx.)

Dimension : W 340 x H 110 x D 210