OMEGA®

A SIGN OF QUALITY PRODUCT

TRANSIENT ANALYSIS OF RC / RL CIRCUITS

OMEGA TYPE ETB-253

Transient Analysis of RC/RL Circuits, ETB-253 has been designed specifically for the Transient Response Analysis with both DC and AC signals as input. This is useful for students to study and analyze the behavior of any circuit during the transient period. The study of transient and steady state response of a circuit is very important as they form the building block of most electrical circuits. With this product, we can easily calculate time constant of RC and RL circuits theoretically and practically.

OBJECT

01 Study the Transient Response of a series RC circuit and understand the time constant concept with DC Power Supply

02 Study the Transient Response of a series RL circuit and understand the time constant concept with DC Power Supply

03 Study the Transient Response of a series RC circuit and understand the time constant concept with square wave TTL.

04 Study the Transient Response of a series RL circuit and understand the time constant concept with square wave TTL.

FEATURES

01 Easy experimental illustration of Transient Analysis of RC and RL circuits

02 Built-in +5 V DC Power Supply

03 Built-in Signal Generator

TECHNICAL SPECIFICATION

01 Mains Supply : 230 V ±10%, 50 Hz

02 DC Power Supply : +5 V

03 Dimensions (mm) : W340 x H125 x D210

04 Weight : 1.1 KG (Approx)

LIST OF ACCESSORIES

01 Patch Cord 50cm - 4mm Red.....01

02 Patch Cord 50cm - 4mm Black.....01

OTHER APPARATUS REQUIRED:

01 Digital Storage Oscilloscope

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
: omegajaipur62@gmail.com

www.omegaelectronics.net

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

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