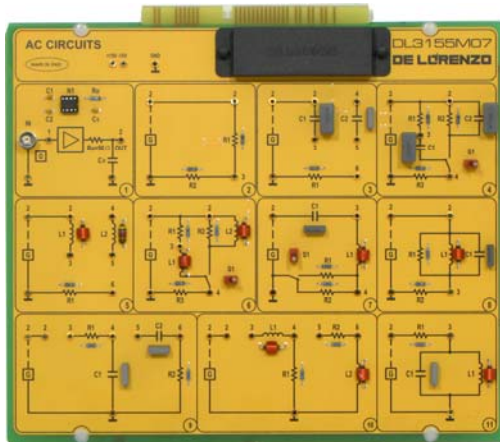




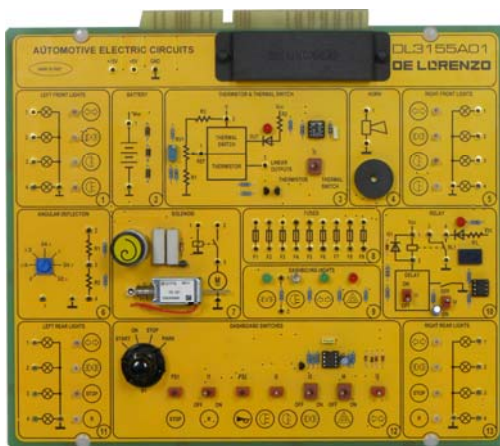
AC CIRCUITS



DL 3155M07

- Sinusoidal alternating currents and voltages
- Vector and symbolic representation of the sinusoidal electric quantities
- Product of a sinusoidal quantity by a constant
- Sum and difference of sinusoidal quantities
- Product of two sinusoidal quantities
- Product of a sinusoidal quantity by a complex number
- Elementary bipoles: R, L, C
- Series and parallel of the bipoles: R-L, R-C, R-L-C
- Oscillating circuits: frequency response of the ac circuits
- Low-pass filter, high-pass filter, pass-band filter
- Fault simulation

AUTOMOTIVE ELECTRIC COMPONENTS AND CIRCUITS



DL 3155A01

- Voltage drop in series connection
- Lamps
- Automotive lights circuits
- Relay operating principles
- Circuits with relays
- Delay circuits with relay
- Stop lights circuits (brakes)
- Flash light circuits (direction indicators)
- Diodes in light circuits
- Diodes for circuit separation
- Thermistors in automotive circuits
- Thermal switches
- Angular deflection measurement using potentiometer
- Fault finding