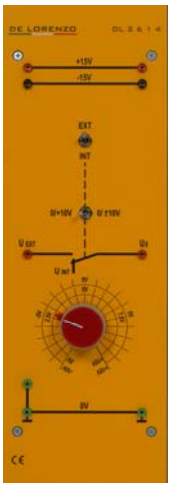
POWER ELECTRONICS

VOLTAGE REFERENCE GENERATOR

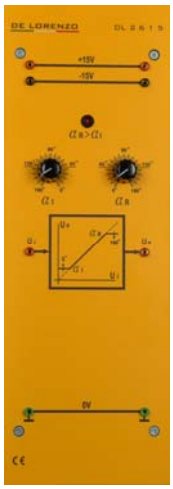


DL 2614

Suitable for realizing a reference signal through an internal potentiometer or for transferring an external reference signal.

Technical features:
Output voltage:
0...+10 V
or
-10 V ...+10 V
Power supply:
+15 V / 0 V / - 15 V

TRIGGER POINT LIMITER

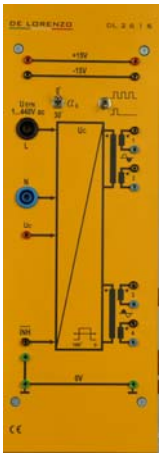


DL 2615

Voltage limiter to set the stability limit for rectifiers and inverters together with the two and six pulse control units.

Technical features:
Stability limit for rectifier: 0° to 180°
Stability limit for inverter: 180° to 0°
Power supply:
+15 V / 0 V / - 15 V

TWO PULSE CONTROL UNIT

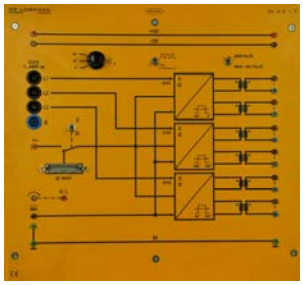


DL 2616

Trigger pulse generator for the triggering of thyristors or triacs in single-phase rectifier and inverter circuits as well as in AC controllers.

Technical features:
Power supply:
+15V/ 0V / - 15V (25mA)
Synchronization voltage:
1 to 440 V
Control voltage:
U_c: 0 V to 10 V
Trigger angle: 180° to 0°
Number of outputs:
2 x 2
Possibility of pulse train or single pulse.
Possibility of selecting two natural switching points: 0° and 30°.
Inhibit voltage:
U_{INH} = 15 V (open): trigger pulses.
U_{INH} = 0 V: no trigger pulses.

SIX PULSE CONTROL UNIT



DL 2617

Trigger pulse generator for the triggering of thyristors or triacs in the single-phase and three-phase rectifier and inverter circuits as well as in AC controllers.
Possibility of analogue control or digital control through interface.

Technical features:
Power supply:
+15V/0V/- 15V (300mA)
Synchronization voltage:
1 to 440 V
Analogue control voltage U_c: 0 to 10V
Digital TTL control:
$DW_H = F_H...F_{FH}$
$(15...255)_{10}$
Trigger angle: 180° to 0°
(300°...120°/60°...240°)
Number of outputs:
3 x 2
Possibility of pulse train or single pulse.
Possibility of excluding the secondary pulse.
Possibility of selecting three natural switching points: 0°, 30° and 60°.
Inhibit voltage:
U_{INH} = 15 V (open): trigger pulses.
U_{INH} = 0 V: no trigger pulses