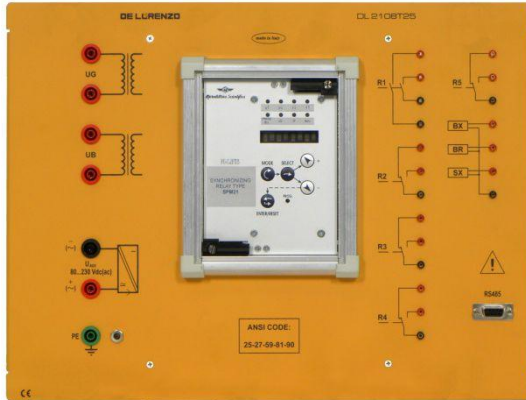




GENERATOR SYNCHRONISING RELAY



DL 2108T25

It is a numerical synchronising relay which measures voltage and frequency of two inputs; the voltage, frequency and phase angle of the Generator input (G) are individually compared with those of the Bus input (B) considered as reference.

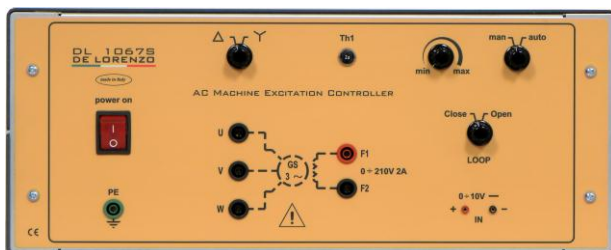
Functions:

- Automatic Synchronization and Synchro-check
- Fast proportional Voltage and Frequency regulation
- Phase displacement checking with circuit breaker closing time control
- Anti-motoring
- Kicker pulse
- Event Recording
- Modbus Communication Protocol

Synchronising of the generator with the reference bus

- Normal/Dead Bus operation modes Adjustable Operate time delay
- Adjustable Max Voltage difference Anti-motoring control
- Automatic Adjusting of phase angle for circuit breaker close
- Adjustable Max Frequency difference
- Adjustable Max Phase displacement
- Adjustable Increase/Decrease pulses to speed regulator
- Adjustable Increase/Decrease pulses to voltage regulator
- Adjustable Min/Max Bus voltage for synchronising operation
- Adjustable Min/Max Bus frequency for synchronising operation
- Kicker pulse control on steady phase displacement
- Fast synchronisation with control pulses proportional to speed and voltage difference
- 3 Digital Inputs optically isolated 2kV

MOTOR-DRIVEN POWER SUPPLY



DL 1067S

Suitable for power supplying with variable voltage the braking systems and the excitation of the machines through manual or automatic operation.

- DC output: 0 to 210 V, 2 A
- Automatic regulation of excitation to keep a constant voltage
- Power supply: 220 V, 50/60 Hz