

**11.1 - E.M. CONTROL AND REGULATION SYSTEMS**

**Mod.6230 DC Speed Regulator Module**

For experiment on open and closed loop regulation on Dc motors used as actuators in automation.

A current limiter with adjustable gain is included, for speed control and variable torque control.

- Input: 230Vac



**Mod.6240 3Ph AC Speed Regulator Module**

To execute experiment on regulation of Ac motors and as actuators for automation, robotics etc.

Frequency converter for all controls and regulations on three-phase source.

- Input : 208/380/415V 50/60Hz
- Output: 400V, 0÷400Hz



**Mod.6240i 3Ph AC Frequency Regulator Module**

To execute experiment on regulation of frequency

Frequency converter for all controls and regulations on three-phase source.

- Input : 80÷400V, 10÷100Hz
- Output: 400V, 50/60Hz

**Mod.6301-B Soft-Starter**

Soft starter for motors slip-ring and squirrel cage

Star-delta starter

Motor protection adjustable current

Direct-starting



**Mod.6301-A Starter**

Starter for motors slip-ring and squirrel cage

Star-delta starter

Motor protection adjustable current 1÷1,6A

Direct-starting



**Mod.6183S Starting and Synchronizing module** for synchronous motor

- With dc power supply 0÷220volt up to 3A
- Input/Outputs: 4 mm CE safety sockets
- Unit type: Table top



**MOD.6184-S Synchronizing indicator**

includes three indicator lamps, three line fuses, a three polar switch and 6 security sockets, dual voltmeter, dual frequency meter

- Operative voltage: 208/380/415V



11.2 - E.M. CONTROL AND REGULATION SYSTEMS

**Protection for electrical machines:**

- Motor protection with adjustable max current
- Motor thermal protection
- Compact table top version or for vertical frame
- also available for : 1kW, 3kW, 6Kw

**MOD.6302-01**

- with Star-Delta starter



**MOD.6302-02**

With MT and Y/D



**MOD.6302-03**

with Fuses and Y/D



**MOD.6302-04**

With soft starter and Y/D



**MOD.6302-05**

With MT



**MOD.6302-06**

with Fuses



**Mod.6210 Tacho generator**

Generator for r.p.m. detection, complete with base plate.

- Output: 60mV/rpm

**MOD.6210.C**

To read the speed of tachogenerator.

