

11.1 -EM CONTROL AND REGULATION SYSTEMS

Mod.3230

DC Speed Regulator Module

For open and closed loop regulation with 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.3240

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.3240i

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.3301-B

Soft-Starter

Soft starter for motors slip-ring and squirrel cage

Star-delta starter

Motor protection adjustable current

Direct-starting



Mod.3301-A

Starter

Starter for motors slip-ring and squirrel cage

Star-delta starter

Motor protection adjustable current 1÷1,6A

Direct-starting

MOD.3183S Starting and Synchronizing module

for synchronous motor

- With dc power supply 0-220volt up to 2A
- Input/Outputs: 4 mm CE safety sockets



11.2 - EM 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.3302-01

- With Star-Delta starter



MOD.3302-02

With MT and Y/D



MOD.3302-03

With Fuses and Y/D



MOD.3302-04

With soft starter and Y/D



MOD.3302-05

With MT



MOD.3302-06

With Fuses



MOD.3184-S Synchronizing indicator

for synchronous generator

It 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

MOD.3210 Tacho generator

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

- Output: 60mV/rpm

MOD.3210.C

To read the speed of tachogenerator.

