STUDY OF SPEED CONTROLLER

EDUCATIONAL OBJECTIVES

- **To study and use a motor starter for an asynchronous machine.**
- **To configure an electronic controller**
- **To use the SOMOVE software**
- **To configure industrial ETHERNET communications.**

TEACHING RESOURCES

Practical works supplied

- Recap on asynchronous motors and electronic starters
- Creation of the wiring diagram
- Programming the controller from its console or the SOMOVE software
- Configuration of the Ethernet RJ45 link, viewing of the motor curves

The practical works requires an asynchronous motor 3x400V +E with load not supplied

Features

- Plug-in graphic screen.
- Thermal-magnetic protection 16A.
- Power indicator
- Analogue power supply 4-20mA Integrated.

Adjustable by potentiometer. Output on terminals 4mm.

- Analogue power supply 0-10V Integrated.

Adjustable by potentiometer. Output on terminals 4mm.

- 7 ON/OFF switches for the configurable inputs of the controller
- Analogue output 0/10V on safety terminals 4mm
- Braking resistance output on safety terminals 4mm (resistance not supplied).
- Analogue encoder output on connector Sub-D15 (encoder not supplied).
- Output RJ45 for Ethernet and MODBUS

Supplied with Schneider® SOMOVE software and RJ45/USB cord.
Motor power supply output on terminals 4mm at 3x400V +E.
Power supply input 3x400V+E on safety terminals 4mm

Instructional Schneider® speed controller for asynchronous motor 3000W at voltage of 3x400V. Contact us for other capacities.

ref. VAR-3KW

Aluminium frame H 550 x 360 x 350mm. Carry handles.