

VARIABLE SPEED MOTOR W/BUILT-IN DRIVE

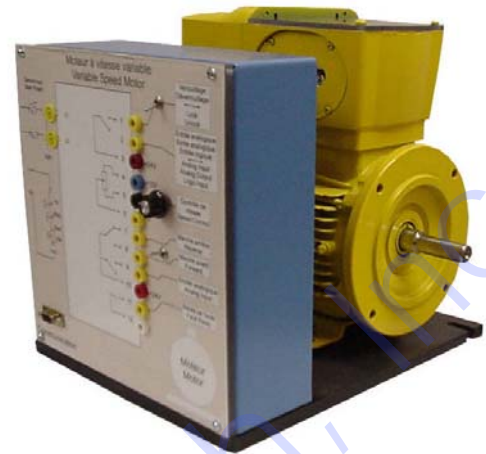
DESCRIPTION

The CL-215 is a variable speed motor with a built-in drive and integrated control module that can be connected to a PC or controlled via remote control. The unit can be programmed using the included windows based software package.

Test points are used for all inputs and outputs, which allows for quick and safe access during configuration changes.

All module connections are on the front panel with safety sockets and 4mm color-coded 5-way binding posts. Silk-screened synoptic diagrams ensure clarity and ease of use.

The CL-215 can be connected to a serial port, and the software allows the user to modify the following parameters: F_{min} , F_{max} , rate of acceleration, rate of deceleration, cutoff frequency, etc.

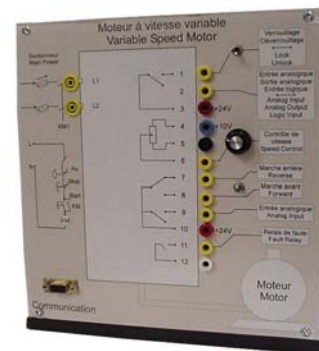


LIST OF CONFIGURATIONS

- Configuration 1:
2 running directions – ramp selection – speed reference with local potentiometer– analog output of speed.
- Configuration 2:
Regulation with integral PI loop - 2 running directions – ramp selection – speed reference with local potentiometer – courant or voltage analog input for sensor.
- Configuration 3:
2 running directions – 2 preset speeds - speed reference with local potentiometer.
- Configuration 4:
1 running direction – 3 preset speeds - speed reference with local potentiometer.
- Configuration 5:
2 running directions - local or distant speed control.
- Configuration 6:
2 running directions – 2 preset speeds, fixed or proportional to the reference.
- Configuration 7:
Regulation of pressure with the integrated preset pressure reference and local or distant pressure control. Analog courant or voltage input for pressure sensor. 2 running directions
- Configuration 8:
Jog operation command - 2 running directions – speed reference with local potentiometer.

FRONT PANEL FUNCTIONS

- 2 power supply with 4-mm color-coded 5-way binding posts.
- DB9 connector for communication interface.
- 12 configuration and operation safety sockets.
- Local potentiometer for reference adjustment.
- Lock/Unlock switch unit.
- Running direction switch.



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SPECIFICATIONS

DESCRIPTION	CL-215-00	CL-215-50
Power supply:	200-230V AC, single phase	
Frequency:	60 Hz	50 Hz
Motor power:	0.5 HP (375 W), 2 speeds	
Dimensions:	30 x 31.25 x 25 cm (12 x 12.5 x 10 in)	
Weight:	13.64 kg (30 lbs)	
Product number:	52728	

COATING SPECIFICATIONS

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Type	
Blue thermalkyd thermosetting enamel	
Features	
Thermalkyd enamel, when baked completely, produces a strong, resistant finish. The following physical tests, to say flexibility, impact resistance, abrasive resistance, adherence and hardness, are extremely satisfying when applied to properly prepared metal. Thermalkyd enamel has a good resistance to water, detergents, gasoline, salt, humidity and sunlight.	
Properties	
Resistance to water:	Intact after 18 hours.
Resistance to gasoline:	Intact after 4 hours.
Resistance to salt:	Less than 0.15 cm (1/16 in) deterioration by corrosion and no cracking after 150 hours.
Resistance to humidity:	No cracking and no color change after 500 hours.
Flexibility:	No cracking on a 0.30 cm (1/8 in) conical mandrel.
Adherence:	Crosshatch test; adherence is same.
Impact:	31 cm/kg (30 in/lbs) no cracking on direct or indirect impact.
Hardness:	HB-F pencil.
Metal temperature:	10 minutes at 150 °C (300 °F).
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