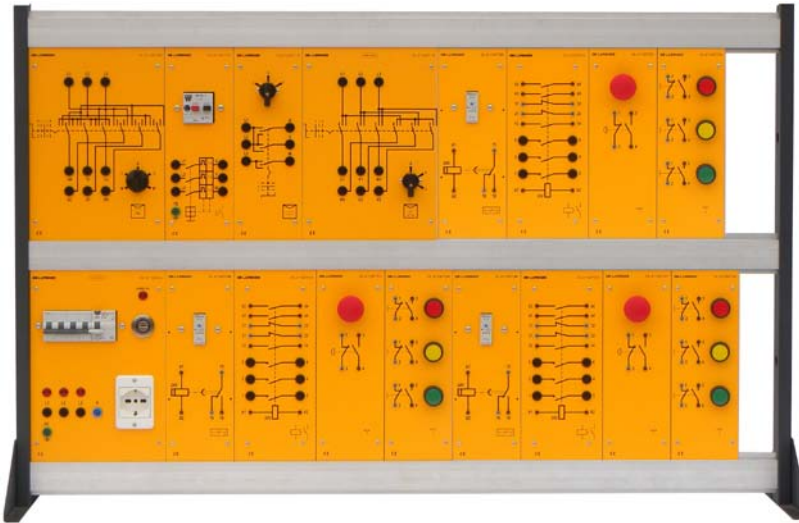




DL 2102TE – MOTOR STARTING WITH SENSORS



Picture for reference only

This system studies the topics related with the motor starting with sensors in the electrical industrial installation. It has a modular structure and it consists of didactic panels installed on a vertical frame.

The modularity of this didactic system grants to the students a direct and immediate approach to the topics, offering the opportunity to study various subjects performing several experiments as following:

- Motor starting and control with limit switch
- Motor starting and control with inductive sensor
- Motor starting and control with capacitive sensor
- Motor starting and control with photoelectric barrage sensor
- Motor starting and control with photoelectric reflecting sensor
- Motor starting and control with level sensor
- Motor starting and control with level variations
- Motor starting and control with pulse programmer
- Sequence of motor starting, 2 rotation directions, with motor stop between the 2 operations with cam programmer



ELECTRICAL INDUSTRIAL INSTALLATIONS



LIST OF MODULES FOR THE DL 2102TE CONFIGURATION:

		QTY
DL 10115AV	Three-phase asynchronous squirrel cage motor	1
DL 2101T13	Transformer	1
DL 2102AL	Three-phase power supply module	1
DL 2102ALCC	DC power supply	1
DL 2102T02	Pushbutton	1
DL 2102T03	Pilot lights	1
DL 2102T04	Contactors	3
DL 2102T05	Thermal relay	1
DL 2102T11	Position sensor module	1
DL 2102T16	Inductive proximity sensor module	1
DL 2102T17	Capacitive proximity sensor module	1
DL 2102T18	Photoelectrical barrage sensor module	1
DL 2102T19	Photoelectrical reflecting sensor module	1
DL 2102T20	Level magnetic sensor module	1
DL 2102T20RMB	Flooding probes	1
DL 2102T30RM86	Level control	1
DL 2102T31V	Pulse counter	1
DL 2102T38	Programmer	1
DL 2100-3M	Three-level work frame	1
TL 2102T	Test leads	1

LIST OF MODULES FOR EXPERIMENTS:

EXPERIMENTS	MODULES																			
	DL 2102AL	DL 2101T13	DL 2102T02	DL 2102T03	DL 2102T04	DL 2102T05	DL 10115AV	DL 2102T11	DL 2102T16	DL 2102T17	DL 2102T18	DL 2102T19	DL 2102T20	DL 2102T20RMB	DL 2102T30RM86	DL 2102T31V	DL 2102T38	DL 2102ALCC	DL 2100-3M	TL 2102T
Motor starting and control with limit switch	1	1	1	1	1	1	1	1											1	1
Motor starting and control with inductive sensor	1	1	1	1	1	1	1		1									1	1	1
Motor starting and control with capacitive sensor	1	1	1	1	1	1	1			1								1	1	1
Motor starting and control with photoelectric barrage sensor	1	1	1	1	1	1	1				1							1	1	1
Motor starting and control with photoelectric reflecting sensor	1	1	1	1	1	1	1					1						1	1	1
Motor starting and control with level sensor	1	1	1	1	1	1	1						1					1	1	1
Motor starting and control with level variations	1	1	1	1	1	1	1							1	1				1	1
Motor starting and control with pulse programmer	1	1	1	1	1	1	1					1				1		1	1	1
Sequence of motor starting, 2 rotation directions, with motor stop between the 2 operations with cam programmer	1	1	1	1	4	1	1										1		1	1