



Lab 2 - ELECTRICAL INSTALLATIONS MODULAR



The laboratory consists of an integrated set of training modules commonly recurrent in the field of Electrical Installations, in metal housings (or isolated boxes) with a clear synoptic depicting the inside logic.

Each module contains a specific electrical function that can be connected to the others to implement different circuit combinations and to execute even complex experiments. The significant advantage for the student is that he can concentrate on the functional flow of the electrical system he is designing without having to worry about the characteristics of the components. Another advantage is that the wiring, and therefore the implementation time, is drastically reduced. The modules can be set on a stand where they can be grouped to execute even complex experiments, including troubleshooting.

Manuals describe the circuits at the theoretical and practical levels, both for residential and industrial installations. The modules can also be used very effectively as a teacher demonstrator.

TRAINING STATIONS LIST

2.1	RESIDENTIAL LIGHTING INSTALLATIONS
2.2	RESIDENTIAL ELECTRICAL INSTALLATIONS
2.3	INDUSTRIAL ELECTRICAL INSTALLATION
2.4	ADVANCED ELECTRICAL INSTALLATIONS
2.5	MOTOR SPEED CONTROL
2.6	COMPUTER NETWORKS INSTALLATION AND MAINTENANCE
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Equipment List

LAB N°	Item N°	TITLE	CODE	Total Qty	Stud WS 1	Stud WS 2	Stud WS 3	Stud WS 4	Stud WS 5	Stud WS 6	Stud WS 7	Stud WS 8	Teach WS	LAB
2		ELECTRICAL INSTALLATIONS LAB For 16 to 32 students working at the same time.												
2	1	ELECTRICAL INSTALLATION (BASIC CONFIGURATION). Modular training system in basic configuration, composed by:	A21B											
2	1	1 BASIC INSTALLATIONS TRAINER	A21 M0B	8	1	1	1	1	1	1	1	1		
2	1	2 RESIDENTIAL INSTALLATION TRAINER (Basic)	A21 M1B	4	1	1			1	1				
2	1	3 INDUSTRIAL INSTALLATION TRAINER (Basic)	A21 M2B	4			1	1			1	1		
2	1	4 FRAMEWORK FOR PANELS	B4195	8	1	1	1	1	1	1	1	1		
2	2	5 CABLES SET	A4890	8										8
2	1	6 MODULE ADAPTER	A21 M098	24	3	3	3	3	3	3	3	3		
2	1	7 FIRE ALARM	A21 M310	4	1	1			1	1				
2	1	8 INTRUDER ALARM	A21 M330	4			1	1			1	1		
2	1	9 PLC TRAINER (OMRON or CROUZET)	C3729 AA	2										2
2	1	10 UNIVERSAL PLC SIMULATOR	C3730	2										2
2	1	11 COMMUNAL TV ANTENNA TRAINER	B4450 C4450	1										1
2	2	ELECTRICAL INSTALLATION (EXPANSION CONFIGURATION). Modular training system composed by:	A21E											
2	2	1 BASIC INSTALLATIONS TRAINER (Expansion)	A21 M0E	2										2
2	2	2 RESIDENTIAL INSTALLATION TRAINER (Expansion)	A21 M1E	2										2
2	2	3 INDUSTRIAL INSTALLATION TRAINER (Expansion)	A21 M2E	2										2
2	2	4 RESIDENTIAL ELECTRIC WIRING TRAINER	A21 M100FS	2										2
3	2	5 INDUSTRIAL INSTALLATIONS FAULT SIMULATOR	A21 M200FS	2										2
2	2	6 HOSPITAL SIGNALLING	A21 M370	4	1	1			1	1				
2	2	7 VIDEO INTERCOM	A21 M380	4			1	1			1	1		
2	2	8 TELEPHONE EXCHANGE TRAINER	C4620	1										1
2	2	9 AUTOMOTIVE ELECTRICITY & ELECTRONICS	A21 M500	1										1
FM		FURNITURE												
FM	1	1 WORK TABLE	F1110A	8	1	1	1	1	1	1	1	1		
FM	1	2 MOBILE LOWER CABINET	F114146	8	1	1	1	1	1	1	1	1		
FM	1	3 STUDENT STOOL	F111718	24	3	3	3	3	3	3	3	3		
FM	1	4 TEACHER'S DESK	F112126	1									1	
FM	1	5 TEACHER'S CHAIR	F115000	1									1	
FM	1	6 CABINET FOR TOOLS & INSTRUMENTS	F113310	4										4
FM	1	7 TROLLEY	F1151R1	4										4
FM		GENERAL USE MEASURING INSTRUMENTS, POWER SUPPLIES & ACCESSORIES												
FM	2	1 ANALOGUE MULTIMETER	AM 7080	4										4
FM	2	2 DIGITAL MULTIMETER	DM Y68	4										4
FM	2	3 ANALOGUE ELECTRICAL METERS SET	A11 AM	1										1
FM	2	4 DIGITAL ELECTRIC POWER MEASURING MODULE	A4750D	1										1
A24	2	7 DIGITAL CLAMP METER	DCM EM201	1										4
A24	2	8 DIGITAL INSULATION TESTER	DIT VC60B	1										2
FM	2	9 UNIVERSAL POWER SUPPLY	A0245	1										1
FM	2	10 AC DC POWER SUPPLY	C12 PS	2										2
FM	2	10 TOOL BAG FOR ELECTRICAL LABORATORY	A2470 986GE/6	1										1
FM	2	10 TOOL BAG FOR ELECTRICIAN	A2471 985GL	8	1	1	1	1	1	1	1	1		

Other products available for individual needs: please ask for complete catalogue.