CABINET FOR ELECTRICAL AUTHORIZATION

HABILIT24-CA model

HABILIT24-S model

The service voltage of 24VDC, protected by fuse and circuit-breaker, makes use of the cabinet completely safe. The integrated load, comprised of six 60W lamps, enables a sufficiently significant current to be generated. The cabinet is self-contained and requires no connection to the mains 230V when in use. A mains cable is nevertheless included for recharging the batteries using an integral charger.
Available in 3 versions, fixed or mobile.

ref. HABILIT24-CA Open version - on wheels

ref. HABILIT24 Version with cabinet - fixed

ref. HABILIT24-S Version with cabinet - on wheels

EDUCATIONAL OBJECTIVES

- ***Put into application the knowledge, rules and methods for certification for authorization to electrical hazards***
- ***Carry out practical assignments, wiring tasks relevant to electrical authorization***
- ***Perform maintenance and cleaning operations in an industrial cabinet***
- ***Perform removal from service operations of electrical equipment***
- ***Take measurements using a clamp ammeter***

TEACHING RESOURCES STUDENT & TEACHER

Practical works

- Reminder on electrical authorization
- Changing sets of copper busbars
- Removing the cabinet from service
- Complete the removal from service and authorization documents
- Check correct use of PPE (Parsonal Protective Equipment)
- Reading the current in the electrical cabinet using a clamp ammeter

Comprises

- 1 main source and one secondary source 24VDC distributed on 2 sets of flat copper busbars, 100A
- 2 disconnectors with visible cutting, for padlocking
- 2 special circuit-breakers DC 10A
- 1 set of protection devices by fuse + RC circuit-breaker 10A-10mA, IS type
- 4 gel batteries 12V/14Ah
- 3 dual switches
- 6 bulkhead lights 24VDC-60W
- 1 battery charger 230VAC/24VDC
- 1 panel of safety instructions for electrical authorization
- 1 2-colour light column indicating 24VDC 'on' and battery recharging
- 1 lot of 2 posts + 5m of red and white chain
- 1 insulating mat
- 1 insulating blanket
- 2 removal-from-service padlocks

Features

- 3-metre mains lead for battery charger
- Dimensions : HABILIT24-CA: 800 x 800 x h 1800mm - Weight: 90kg
  HABILIT24: 450 x 700 x h 2000mm - Weight: 96kg
  HABILIT24-S: 600 x 800 x h 2120mm - Weight: 111kg

CABINET FOR ELECTRICAL AUTHORIZATION - COMPACT MODEL

Meets the same educational objectives and allows to carry out all the practical work described on the previous page.

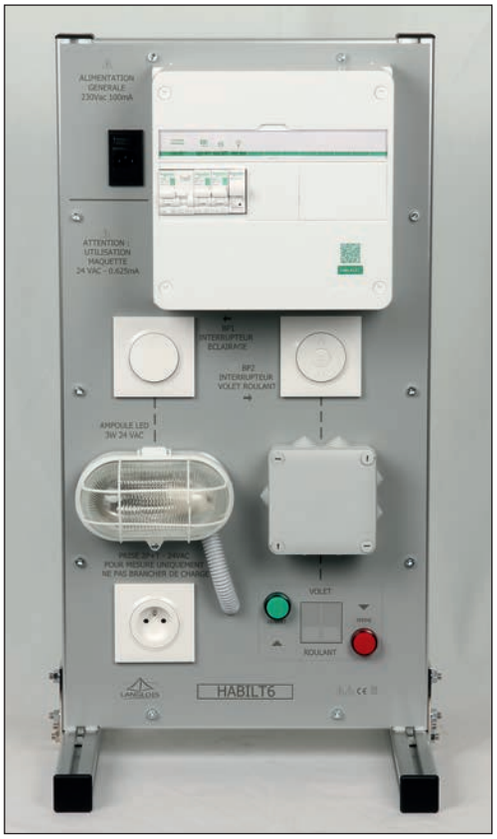
Comprises
- 1 lockable disconnector.
- 1 battery charger 230VAC / 24VDC-5A.
  Overload protection by electronic and against short-circuit by fuse short circuit gPv.
- 2 gel batteries. Sealed. 12V-14Ah.
- 1 24VDC continuous circuit distributed on 1 set of 100A perforated brass bars.
- 1 circuit breaker C60H-DC -10A for protection of the 24VDC circuit.
- 2 double insulation bulkhead lights with switches and lamps 24V-60W.
- 1 insulating mat
- 1 insulating blanket
- 1 set of 2 posts + 5m of red and white chain
- 1 removal-from-service padlocks

Aluminum frame with wheels
- 3 meter power cord for the battery charger
- Dimensions L x W x H: 480 x 240 x 1000mm - Weight: 49kg

ref. HABILIT12

Battery charger supplied

COMPACT MODEL FOR ELECTRICAL AUTHORIZATION



ref. HABILIT6

Dimensions: (W)430 x (D)405 x (H)745mm - Weight: 12 kg

Portable model for the implementation of electrical hazards authorization (B0 / B0V / BE maneuver / BS) in a housing type environment.

The 24VAC service voltage protected by fuses, makes the use of the model completely secure.

The component marking information and other technical features are screen printed on PVC faces.

EDUCATIONAL OBJECTIVES

- **Application of knowledge, rules and methods for certification to electrical hazard clearance**
- **Perform practical work related to electrical qualification B0 / B0V / BE maneuver / BS**
- **Perform electrical equipment logging operations**
- **Take measurement readings using a multimeter (not supplied)**

SUPPLIED WITH PRACTICAL WORK

Practical work provided

- Reminder on electrical authorization
- Logging a circuit breaker
- Completing the documents of registration and authorization
- Verification of the good use of Personal Protective Equipment (PPE)
- Voltage measurement and continuity test with a multimeter (not supplied)

Examples of interventions

- Power off and logging
- Replacement of a Low Voltage fuse
- Replacement of a lamp
- Removing and installing a socket outlet
- Removing and installing a light switch
- Connecting an item of electrical equipment to a waiting circuit
- Reset on instruction of a protection device
- Replacement of an accessory of a lighting (bulb ...)

Composition

- A socket module allowing the power supply of the model in 230Vac / 50Hz 2P + T (power cord supplied)
- 1 differential switch ahead of installation in 40A-30mA (housing type)
- 1 lighting circuit consisting of a fuse holder with 10A fuse, a switch, a recessed pot and a porthole with a 3W LED lamp
- 1 circuit consisting of a circuit breaker 16A of housing type, a recess pot and a socket.
- 1 rolling shutter circuit consisting of a 10A circuit-breaker of housing type, a roller shutter switch, an installation socket, a junction box and 2 LEDs simulating a rolling shutter for testing.
- 1 circuit breaker locker + 1 padlock + 1 condemnation signaling badge (" CONDEMNED DEVICE - DEFENSE TO USE")