INDUSTRIAL CABINET FOR ELECTRICAL ACCREDITATION





Version with three-phase 24Vac operating voltage

ref. HABILIT-IAC Power supply 3x400Vac + N + T with P17 socket

ref. HABILIT-IAC -230 Power supply 230Vac + N + T

SUPPLIED CONFIGURED | TEACHING RESSOURCES STUDENT / TEACHER

Version with 24Vdc continuous operating voltage

ref. HABILIT-IDC Power supply 230Vac + N + T

SUPPLIED CONFIGURED | TEACHING RESSOURCES STUDENT / TEACHER

*Warning: no potential difference between phases on the **24Vdc version***

This cabinet allows the application of knowledge, rules and methods for certification to electrical risk accreditation (BC / B1 / B1V / B2 / B2V / BE / BN) in an INDUSTRIAL environment.

The educational content is based on the rules laid down by the French standard on the prevention of electrical risks.

The general circuit breaker protection and the operating voltage at very low voltage (TBT 24V AC or DC depending on version) make the use of the model completely safe. Compact, to be placed on a table, this model represents an electrical distribution cabinet and is available in two versions, 24Vac and 24 Vdc.

PEDAGOGICAL OBJECTIVES

- **Apply knowledge, rules and methods for certification to electrical risk certification**
- **Carry out practical work, wiring tasks related to electrical accreditation**
- **Perform maintenance and servicing operations in an industrial cabinet**
- **Carry out consignment operations for electrical equipment**
- **Study an industrial type electrical installation**
- **Make electrical diagrams**
- **Produce a bill of materials**
- **Analyze manufacturer data sheets**

Practical work provided

- Reminder on electrical accreditation
- Identification of the components from an electrical diagram
- Securing for maintenance
- Logging out a disconnect switch for a component replacement
- Logging out a switch / fuse holder / circuit breaker
- Completing of consignment and authorization documents
- Verification of the correct use of I.P.E
- Voltage/current measurements
- Accessory replacement
- Fuse replacement

Features

- Dimensions: L550 x D400 x H650mm - Weight: 25kg

COMPOSITION

Front panel

- 1 Emergency stop button
- 1 white "voltage presence" light
- 1 green "powered" light

Back panel

- 1 Three-phase or single-phase circuit breaker (depending on version)
- 1 Undervoltage trigger coil
- 1 Emergency stop button
- 1 green "powered" light

Wiring grid

- 1 Lockable fuse holder disconnector switch
- 1 Screen-protected copper distribution bar
- 1 x 300mA RCD with a 24Vac/dc under voltage trigger coil
- 2 x 30mA single-pole RCDs
- 3 x 1P+N magnetothermal circuit breakers
- 1 Tetrapolar Magnetothermal Circuit Breaker
- 1 Modular disconnector switch
- 1 x 1P+N fuse holder
- 1 Modular socket
- 1 Tetrapolar Splitter
- 1 set of terminals allowing the connection of different lines.

SUPPLIED ACCESSORIES

- 2 padlocks with different keys
- 4 fuse door locks lockable by padlock.



ADDITIONAL PRODUCTS

FULL HEADBAND SCREEN



ref. CA-EF2

Flip-up headband screen holder with black polycarbonate forehead protector. Eye and body protection face of electrician against short circuit electric arc.
Double adjustable headband and ventilated forehead protector.
1.5 mm clear polycarbonate face shield.
STANDARDS
EN166, EN170
CE marking

INSULATED ROBBER GLOVES



ref. CA-G8

Conform to the international
IEC60-903 standard, class M.
Made of Latex especially treated
to obtain high dielectric characteristics.
Thickness 1mm
For voltage ≤ 500V
Size 10

HELMET WITH FACE SHIELD



ref. CA-CEF

Integrated face shield allowing:
- protection against short-circuit electric arc
- wearing eyeglasses
- full face coverage against splashes

Easy to apply even with insulating gloves.
Mountain type chinstrap 4 anchor points for perfect support.
Automatic buckle on chinstrap.
Automatic raising of the screen by pressure.
Adjustment of the head circumference by rack.

STANDARDS
Helmet: EN 397, EN 50365 1000V
Face shield: EN 166, EN167, EN168, EN170
DGUV Test certified
CE marking

12VDC BATTERY CHARGER



ref. HAB-CHARG12

- Battery charger with output on faston terminals or crocodile clips
- Input voltage 230VAC-50Hz on socket
- Output voltage 12VDC – 4A maximum
- Consum. reduced when the batteries are charged
- Protection against overheating and short circuits
- L x W x H: 182 x 81 x 45 mm

WHITE COTTON UNDERGLOVES



ref. CA-SGH

Comfort undergloves liners for latex gloves.
Lint-free, improves dexterity with latex gloves, absorbs sweat.
For insulating gloves size 9 to 11.
STANDARD EN 420