

Supplies and loads for renovation project

STAND ALONE DC & AC POWER SUPPLY

This new technical leg design offers you the option to create a new station or to renovate existing tables. Thanks to its compactness it can act both as a table leg and as an item next to a table. This AXG** (* represents power) product is completely autonomous. With a simple three-phase mains input + neutral + earth, it can provide all the power supply combinations provided in the table below. Supplied assembled and ready to be connected to 3-phase 400V from mains.

Height of attachment under bench-top: 720 to 830mm

Length: 665mm

Total height: 1050mm (including console).

Maximum width: 250mm

1 MAIN DC SUPPLY

0 - 270V variable and insulated from the mains by an insulated transformer as specified by international safety standards for the use of direct currents. The whole unit is protected against overloads and short circuits. Rectification is provided by a generously over-specified Graetz bridge (ripple rate 4%). Voltmeter and ammeter displays. A magneto-thermal circuit breaker protects this output. A contactor with a control button gives command start/stop functions, on condition that the autotransformer output is at 0V. An everlasting indicator light shows that the unit is powered up.

2 VARIABLE 3-PHASE SUPPLY

Variable by autotransformer and protected against overloading and short circuits. The voltage range is 0-430V between phases (450V for the 4000VA model). A thermal magnetic circuit breaker protects this output. A push button contact performs start/stop switching on condition that the autotransformer is at 0 voltage. An indicator light shows that the unit is powered up.

Main supplies 1 & 2 can't work simultaneously

3 DC AUXILIARY SUPPLY

0 - 250V variable and insulated from the mains by an insulated transformer as specified by international safety standards for the use of direct currents. The whole unit is protected against overloads and short circuits. Voltmeter and ammeter displays. An On/Off button control. An indicator light shows that the unit is powered up.

4 SINGLE-PHASE AUXILIARY SUPPLY

0-250V variable by single phase autotransformer protected against overloading and short circuits. Voltmeter and ammeter displays. An On/Off button control. An indicator light shows that the unit is powered up.

Auxiliary supplies 3 & 4 can't work simultaneously

5 3-PHASE SUPPLY (3 X 400VAC FIXED)

On four terminals, protected, with switch and On/Off button control. An indicator light shows that the unit is powered up.

6 4 POWER SOCKETS 230V (2P+E)

4 x power sockets 230V (2P+E), protected, with indicator lights.

7 EMERGENCY STOP BUTTON

Key controlled in the centre of the console (can be mounted in alternative positions). It cuts out a single bank without affecting the others. Positive security stop.

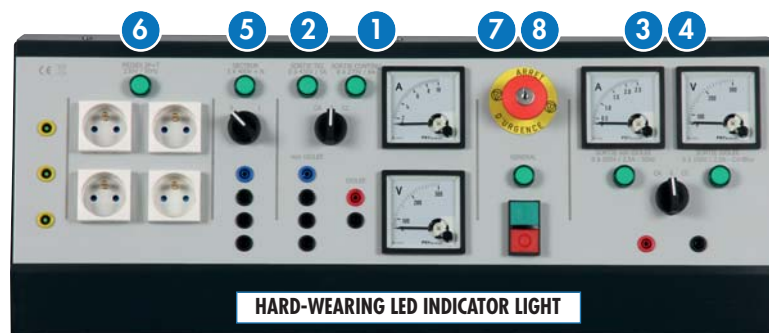
8 PUSH BUTTON

Start/Stop with indicator providing start-up with "memory" function. An indicator light shows that the unit is powered up.



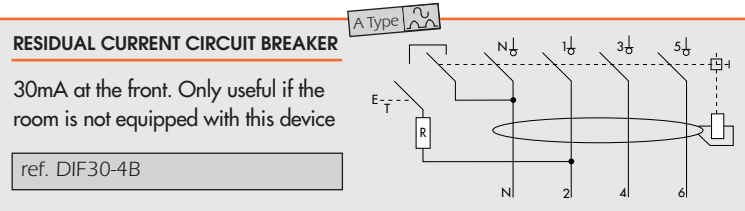
Lockable cover for circuit breakers on the rear door

Circuit breakers are placed behind a lockable transparent cover. Restricted access IP2X protection.



Ref	AXG-40	AXG-20	AXG-10
Rating	4000VA	2000VA	1000VA
▼ DC SUPPLY 0-270V	16A	8A	7A
▼ 3-PHASE variable	0-450V/8A	0-430V/5A	0-430V/5A
▼ DC AUXILIARY 0-250VDC	2.5A	2.5A	2.5A
▼ AUXILIARY 0-250VAC	2.5A	2.5A	2.5A
▼ 3-PHASE MAINS	4 terminals 3x400VAC	4 terminals 3x400VAC	4 terminals 3x400VAC
▼ 4 SOCKETS MAINS	230V 2P+E	230V 2P+E	230V 2P+E

▼ with hard-wearing lamp without maintenance ▼ insulated from mains



COMPLETE RESISTIVE LOAD UNIT



This new design enables you to create a new station or to renovate existing benches. Thanks to its compactness it can act both as a table leg and as an item next to a table. This ARG** (**represents power) reference product requires no power supply. Thanks to its smart design, this charging unit does not require forced ventilation. It contains resistors on ceramic tubes (protected from oxidation by a coating).

The 6 switches (snap switches) vary the charge in steps of 5%. These controls are placed on the console with inputs terminals and coupling jumpers (for a use in 240VAC single phase and 240VDC, 3-phase 240VAC or 3-phase 400VAC).

Available option: charge in steps of 2.5% in the 4kW version (please contact us).

Height of attachment under bench-top: adjustable from 720 to 830mm

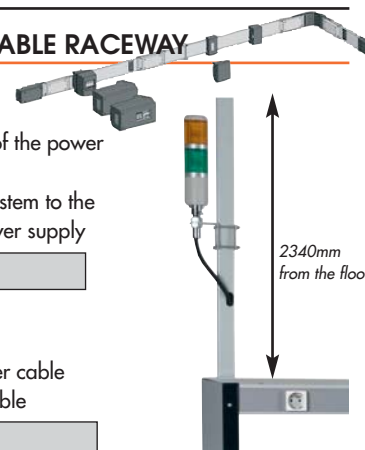
Length: 665mm

Total height: 1050mm (including console).

Maximum width: 250mm

Ref	ARG-40	ARG-20	ARG-10
Rating	4000VA	2000VA	500VA

VERTICAL CABLE RACEWAY



For the wiring of the power cable from the aerial wiring system to the base of the power supply

ref. DEG-1

Model for power cable and network cable

ref. DEG-2

360° LIGHT SIGNAL TOWERS



Beacon with 3 light indicators: red, yellow and green

ref. VOY181

Beacon with 2 light indicators: red and green

ref. VOY121

Beacon with a red light indicator (voltage presence)

ref. VOY61

COLOURS AVAILABLE UPON REQUEST

white - orange - red - green - blue



HARD-WEARING LED LAMPS

EXAMPLE OF USE WITH YOUR OWN TABLE



ref. AXG

Place your complete power supply unit to the right or left of your existing workbench. Bench-top attachment kit supplied.

EXAMPLES OF COMPLETE WORKSTATION



ref. ARG

ref. AXG

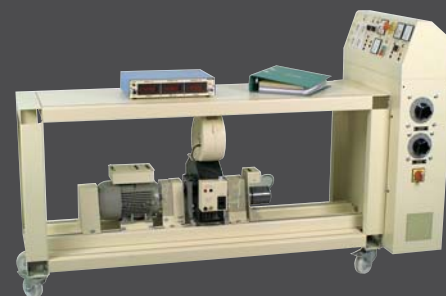
Side rails top and H leg available as options (see P08)

Side rails top and H leg available as options (see P08)



ref. AXG

MADE TO MEASURE



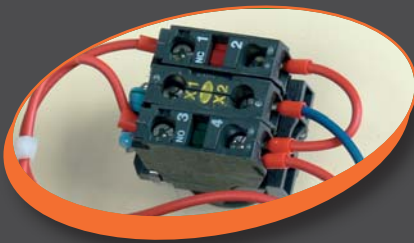


WORKSTATIONS

our quality commitment



Engraving on the front in the part
Potential for symbols, icons, logos or personalisations engraved on the front.
The engraving in the part is impervious to abrasion and cannot be removed.



Crimped cable conduit sleeves for optimal contact
The crimped sleeves limit risk of fire or electrocution during maintenance.



Resistant LED indicator lights
Cannot be removed by the student (no ability to unscrew the front cap)
No risk of accidental contact for the maintenance operator



Control console free of metal components
All our components are free of accessible metal pieces (except for the ground).
The PVC front face is entirely free of metal elements, even of screws, which provides a high degree of safety against indirect contact.



Epoxy paint & electrogalvanized steel
All of our leg assemblies are manufactured from electrogalvanized steel sheet, and makes the sheet extremely resistant to corrosion. This protection is strengthened further by two layers of furnace-baked epoxy paint, which means that it is suitable for use even in tropical settings.

