

## ELECTRICIAN WORKSTATION



Workstation Frames		
<b>ETABCONH18</b>	Concept workstation frame, high model, 1836 x 900 mm, M900 back panels, ESD table top	1 x
<b>ESDSET1</b>	ESD grounding set for workstation	1 x
Equipment Panels		
<b>PANCONH18</b>	Concept device panel, 1,8 m, high model	1 x

<b>PANSOCKETLEU</b>	Schuko sockets under device panel, 4 pcs	1 x
<b>Power Supply Units</b>		
<b>(S1) SU3</b>	3-phase supply unit	1 x
<b>Modules</b>		
<b>(1) ELPSL2</b>	1-phase schuko socket outlets, 2 pcs	1 x
<b>(2) ACF23010</b>	Isolated 1-phase AC connection, 230 V, 10 A, 2000 VA	1 x
<b>(3) DCACPX400S</b>	Variable DC power supply, 0-60 V, 20 A, 420 W	1 x
<b>(4) POA10A</b>	Adjustable compressed air supply, 0-10 bar, analog gauge	1 x
<b>(5) ACF40016G</b>	3-phase AC connection, 230/400 V, 16 A	1 x
<b>(6) PM3A</b>	3 phase power analyzer accessory	1 x
<b>(7) SSWT1012SET</b>	Soldering station, 80 W	1 x
<b>LT_KIT</b>	Soldering tip set, 5 pcs	1 x
<b>WTA_50</b>	Desoldering tweezers	1 x
<b>SDWTSRJ</b>	Tip set for desoldering tweezers, 4 pairs	1 x
<b>(8) ELPSL2USB</b>	1-phase socket outlets + USB charger	1 x
<b>Accessories</b>		
<b>WKL60649102</b>	Drawer unit + brackets with 2x100+2x150 mm drawers	1 x
<b>WHT852283</b>	Steel shelf, M900, 890 x 300 mm	1 x
<b>WSK91849008</b>	Light rail, 2 x M900	1 x
<b>WSKTIL850</b>	LED Light	1 x
<b>VALRND550LED_</b>	Magnifying lamp, LED	1 x
<b>WHR855001</b>	Hook set, 20 pcs	1 x
<b>C40BL_ESD</b>	Chair, black, fabric, ESD	1 x
<b>SOLDERSET</b>	Soldering consumables set	1 x
<b>TKCABIN2</b>	Storage cabinet, 800(W) x 400(D) x 1000(H) mm	1 x
<b>TKCABIN4</b>	Storage cabinet, acrylic glass windows in doors, 1000(W) x 400(D) x 2000(H) mm	1 x

## ETABCONH18 Concept workstation frame with upright tube module

- ESD-painted steel frame with upright tube module
- Height of the upright tube module 1300 mm from table top
- L-shaped ergonomic legs
- ESD table top with laminate surface, durable rounded plastic edges, colour light speckled grey
- The frame includes uprights for the device panel and perforated M900 back panels between the uprights
- Accessories above the table top are attached to perforated uprights and can be positioned to suit individual needs
- Versatile and adjustable accessories facilitate ergonomic component storage and selection
- Adjustable height: 670-1120 mm
- Adjustment screws to eliminate the roughness of the floor
- Load capacity 500 kg, evenly loaded
- ESD Table top dimensions: 1836 x 900 mm

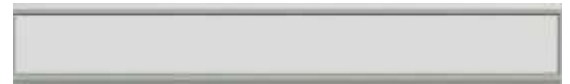


## ESDSET1 ESD grounding set for workstation

- ESD connection box including 1 Mohm series resistor
- ESD grounding set for the workstation frame
- ESD grounding set for wrist straps
- ESD wrist strap, 2 pcs

## PANCONH18 Concept device panel

- Panel for integrated electrical equipment
- Structure of the panel made of ESD powder painted steel
- Panel equipped with modular device system: devices can be easily added and removed
- Integrated modules are covered with polyester film to ensure long lifetime for the markings in the front panel
- Energy saving LED lighting integrated at the bottom of the panel
- Panel top can be opened
- All connectors are located at the bottom of the panel which enables placing the panel against a wall
- Height from the table top can be chosen freely
- Including panel brackets
- Panel with: 1830 mm, max. 7 modules



## PANSOCKETLEU Schuko sockets under device panel

- 4 pcs schuko sockets under device panel, 2 pcs at both ends

## SU3 3-phase supply unit

- Operating voltage: 400 V  $\pm$  10 % AC, 50-60 Hz
- Main switch for the workstation with START position
- Green indicator lights
- Integrated emergency switch, reset from main switch
- Automatic restart prevention system e.g. after power failure
- Protection circuit for missing phase / wrong phase order
- 16A thermal overload protector for each phase
- Fault current protection 0.03 A for all devices connected to the supply unit
- Earth terminal screw
- Outlets for the device modules
- Dimensions: ½-module, 125(W) x 200(H) mm



## ELPSL2 1-phase socket outlets

- 2 pcs earthed schuko socket outlets
- Dimensions: ¼-module, 62.5(W) x 200(H) mm



## ACF23010 Isolated 1-phase AC outlet

- Galvanically isolated AC outlet
- Output: 230 V, 10 A, max. 2000 VA
- Overload protectors for primary / secondary circuits
- Electronic attenuator for restricting switching current
- Dimensions: ¾-module, 187.5(W) x 200(H) mm



## DCACPX400S Adjustable DC power supply

- Output values: 0-60 V, 0-20 A, 420 W
- PowerFlex design gives variable voltage and current combinations within a maximum power range
- PowerFlex or fixed-range operation plus custom limits
- Constant voltage or constant current operation
- Variable OVP trips
- True analogue controls
- Voltage Setting: By coarse and fine controls
- Current Setting: By single logarithmic control
- Settings locking
- Independent digital voltage and current meters for each output with 4 digit resolution
- Voltage meter:
  - Resolution: 10 mV
  - Accuracy: 0.1 % of reading  $\pm$  2 digits
- Current Meter:
  - Resolution: 10 mA
  - Accuracy: 0.3 % of reading  $\pm$  20 mA



- Ripple & noise: Typically < 3 mV rms (CV mode)
- Switchable local or remote sensing
- View Settings
- LED indication of Output On, V/I Limits, CV, CI, Power Limit
- Silent fan-free cooling
- DC output on/off switch
- All outputs are intrinsically short circuit proof, and are protected against external voltages and reverse currents
- Output terminals: Universal 4mm safety binding posts on 19mm (0.75") spacing. Terminals can accept fixed shroud 4 mm plugs, standard 4 mm plugs, fork terminals and bare wires
- AC Input: 110 to 240 volts  $\pm$  10 % 50/60Hz
- Dimensions: ½ module, 125(W) x 200(H) mm

## POA10A Adjustable compressed air supply

- Regulated precision air supply
- Three selectable outputs:
  - Output 1: network pressure
  - Output 2: 1.4 bar, constant
  - Output 3: 0.15-10.00 bar, adjustable
- Outputs 1 and 3 equipped with analog pressure gauges, 0-10 bar
- Sensitivity 0.3 mbar
- Flow capacity 68 m<sup>3</sup> / h
- Solenoid valve in the supply
- All connections with snap-on connectors, 6/4 mm male connector as standard
- Dimensions: ½ module, 125(W) x 200(H) mm



## ACF40016G 3-phase AC connection

- Two safety earthed AC outputs:
  - Output 1: Socket, 230 / 400 V AC, 16 A, 3L+N+PE, 6H, red
  - Output 2: 4 mm safety terminals, 230 / 400 V AC, 16 A, 3L+N+PE
- Main switch / output selection switch, one output active at a time
- Analog ammeters 0-16 A for L1, L2, L3
- Thermal / magnetic circuit breaker, 16 A
- Dimensions: 1 module, 250(W) x 200(H) mm



## PM3A 3 phase power analyzer accessory

The PM3A power analyzer is a multi-purpose measurement accessory for testing and analyzing 3 and 1 phase devices.

The device is easy to use, It's pre-connected to the output of the power supply and only select the desired measurement quantities.

The most common measurement quantities can be stored in shortcuts.

Power analyzer with 85 different measurement parameters and 28



## measurement views

### Measurements

- AC voltage 100VLL-600VLL(57VLN-346VLN).
- AC current 0-25A
- Frequency. 45-66Hz

### Measurement accuracy.

- Voltage 0.5% of measuring range.
  - Power 0.5%
  - Frequency 0.2%
  - Active energy 0,5%
  - Reactive power 1%
  - Virtual power 0,5%
  - Power factor/phase angle 3%
  - THD 3%
- TRMS 3 harmonic analysis
  - Energy counter
  - Phase angles display
  - Graphical power display
  - Large backlighted LCD display
  - Dimensions: ¾-module, 187.5(W) x 200(H) mm
  - Different versions of PM3A
  - **PM3A** Power analyzer for 3-phase up to 25 A current
  - **PM3AB** Power analyzer for 1- and 3-phase using less than 5 A current
  - **PM3A1** Power analyzer for 1-phase up to 25 A current
  - **SULOCK** Electricity locking unit

## SSWT1012SET Soldering station

- Power: 80 W
- Channels: 1
- Temperature range: 50-450 °C
- Temperature accuracy:  $\pm 9$  °C
- Temperature stability:  $\pm 2$  °C
- Graphical backlit LC-Display
- Soldering iron:
  - 80 W, 24 V
  - Heat-up time (ca) in seconds (50-350°C): 10
- ESD safe
- Includes: power unit, soldering iron, safety rest and cleaning sponge for soldering iron, soldering tip (2.4 mm)
- Operating voltage: 230 V, 50/60 Hz
- Dimensions: ¾ module, 187.5(W) x 200(H) mm



## LT-KIT Soldering tip set

- Quality soldering tip set for modern electronics works
- Compatible with SSWT1012SET and SDWR2002 soldering

stations

- 5 pcs soldering tips
  - 0.25 mm chisel
  - 0.8 mm chisel
  - 1.2 mm chisel
  - 1.6 mm chisel
  - 2.4 mm chisel

## WTA-50 Desoldering tweezers

- Desoldering tweezers for removing SMD components
- Compatible with SSWTxxxx and SDWR2002 soldering stations
- Two separate heating elements with individual sensors for accurate soldering tip temperature
- Changeable and adjustable soldering tips
- Temperature range: 150...+450°C
- Power: 2 x 25 W
- Delivery contents: desoldering tweezers, stand for tweezers, cleaning sponge, standard tip pair (1 mm)

## SDWTSRJ Tip set for desoldering tweezers

- Quality tip set for modern electronics works
- 4 pcs tip pairs:
  - 0.5 mm
  - 1 mm
  - 3 mm
  - 6 mm

## ELPSL2USB 1-phase socket outlets + USB charger

- 2 pcs earthed schuko socket outlets, 230 V, 16 A
- 2 pcs USB charging connections, type A, 5 V, total current max. 2.1 A
- Dimensions: ¼-module, 62.5(W) x 200(H) mm



## WKL60649102 Drawer unit

- Drawer unit, fixed under table top
- Drawers 2 x 100, 2 x 150 mm
- Drawers equipped with ball-rails
- Load capacity 60 kg / drawer
- Drawers open 100 %
- Central locking
- ESD-painted steel frame
- Dimensions: 450(W) x 520(D) x 560(H) mm



## WHT852283 Shelf

- Construction made of ESD powder painted steel
- Fixed to upright tubes
- Load capacity: 50 kg
- Dimensions: 890(W) x 300(D) mm



## WSK91835008 Light rail

- Rail can be used to attach light ergonomically above the workstation
- Structure made of ESD-painted steel
- Height and depth adjustment
- Width: 2 x M900



## WSKTIL850 LED light

- Good quality, bright and long lasting light.
- Luminous flux: 3800 lm
- Illuminance: 1800 lx
- Colour rendering index: Ra 80
- Colour temperature: 4000 K
- Product measurements (W x D x H): 850 mm x 67 mm x 80 mm



## VALRND550LED Magnifying lamp, LED

- Magnifying lamp
- Glass lens
- 3 diopters
- Super bright 60 Ultra-efficient SMD LEDs
- Equipped with strong internal springs in the arm
- Covered arm for full protection
- Integrated handle for easy positioning
- Lamp head with stainless steel ring for decoration
- Heavy duty metal G-clamp
- Colour Temperature 6000-6500K
- Luminous flux 950 Lumen
- Operating voltage: 220-240 V AC, 50 Hz





## WHR855001 Hook set

- Hook set, attached to perforated back panels
- 20 pcs hooks e.g. for tools



## C40BL-ESD Chair

- ESD protected
- Best possible adjustment to body size
- Supports the body in every position
- Black
- Fabric
- Martindale: 50.000
- Castors with load-sensitive brakes
- Height/backrest/tilt/depth adjustment
- Seat height: 450-600 mm



## SOLDERSET Soldering consumables set

- Contents:
  - Solder dispenser, 1 roll
  - Cleaner flux
  - Soldering tip cleaner
  - Solder wick, 1.5 mm
  - Solder wick, 2.2 mm
  - Solder wick, 2.7 mm
  - Flux pen
  - Flux-gel
  - Lead-free solder
  - Desoldering pump



## TKCABIN2 Storage cabinet

- Construction made of ESD powder painted steel
- 2 doors, lockable
- 2 shelves, height adjustment
- Dimensions: 800(W) x 400(D) x 1000(H) mm



## TKCABIN4 Storage cabinet

- The cabinet has sturdy double leaf-doors, flush fitting handle with two keys. Shelving cabinet can be moved with fork lift when it is empty and there are leveling screws under the cabinet for adjusting the cabinet straight. The shelving cabinets are pre-assembled.
- Construction made of ESD powder painted steel
- Doors equipped with transparent acrylic glass doors
- 4 shelves, height adjustment
- Dimensions: 1030(W) x 430(D) x 2010(H) mm

