

“Thousands Now Design Their Own Installations Who Never Thought They Could”

(Save an incredible amount of Time and money, by Completing all your Cable calculations, tables and fully marked up Single line drawings faster than you thought possible)

Leave **nothing** to guesswork, eliminate errors and get rid of all anxieties in an instant.

Installation Design with Ease!

Now you can Easily produce all your Results the Quick and Easy way showing:-

- Find all your cable sizes,
- Voltage drops
- Conduit sizes and capacities
- Fault levels and Touch Potentials
- Fuse/CB sizes
- Installed cable temperatures
- Single line drawings (fully marked up with all your results)
- Tables with All Your calculation Results

From Mains cables, Sub mains and all Your Final sub-circuits.

Single Line Drawings...No Problem!

Now you can produce all your “Single line” and “As built” drawings fully marked up with all your Calculation Results in Just minutes and the exciting fact is You need absolutely **NO** drafting experience...**Just Amazing!**

Thousands now Design and Draft their own Installation projects who never thought they could.

Get a Head Start now by using this program to produce Electrical Installation Designs quickly and easily to change your life. This is your licence to print money and **Create Wealth** for Yourself!

Single Line drawings fully marked up, no drafting experience required!

The screenshot displays the 'Cable Calculations Project' software interface. At the top, there is a menu bar with 'File' and a toolbar with icons for file operations. Below the toolbar, the 'Project Name' is 'Solutions Electrical' and 'Max. Volts Drop.' is set to 5.0%. The 'Total V. Drop' is shown as 5.0%. The 'Additional Info.' field contains '112.7803 118.6535'. The 'Pg.' is 1 and the 'Zoom factor' is 100%.

The main drawing area shows a single-line diagram of an electrical installation. It starts with a 'Main Transformer' with a size of 500, reactance of 4.75, and secondary voltage of 415V. The transformer is connected to four separate circuits, each with a circuit breaker (CB) and a load:

- Circuit 1 (DB 2):** 16 Amps Type 'B' CB, Cable Fault Level: 3575 Amps. Cable: 25.0 mm² Copper, 4mts, XLPE 90°C, Singles, Tray perforated, Voltage: 415 V, V.D.: 0.02%, 14 Amps. Load: 10 Amps Isol.
- Circuit 2 (Load 3):** 6 Amps Type 'C' CB, Cable Fault Level: 3575 Amps. Cable: 25.0 mm² Copper, 30mts, XLPE 90°C, Singles, Tray perforated, Voltage: 239 V, V.D.: 0.06%, 4.2 Amps. Load: 6 Amps Sw.
- Circuit 3 (Load 2):** 32 Amps Type 'C' CB, Cable Fault Level: 3575 Amps. Cable: 25.0 mm² Copper, 50mts, XLPE 90°C, Singles, Tray perforated, Voltage: 415 V, V.D.: 0.40%, 27.7 Amps. Load: 32 Amps Load B Swt.
- Circuit 4 (Load 1):** 20 Amps Type 'C' CB, Cable Fault Level: 2775 Amps. Cable: 25.0 mm² Copper, 30mts, PVC 75°C, Singles, Tray perforated, Voltage: 415 V, V.D.: 0.16%, 18.4 Amps. Load: 20 Amps Sw.

At the bottom, there is a table with columns: Connected To, Load I.D., Phase, Type, Volt (V), Volt Drop (%), Length (m), De-Rating, Load Current, Cores. The table is currently empty.

On the right side, there are several buttons: 'Add New Circuit', 'Edit Circuit', 'Delete Circuit', 'Print Screen', 'Draw Load Centre', 'Display Drawing', and 'Cable calculations'.

Imagine... how much Easier Your life would be if you could **Design** and **Test** Your next job starting from scratch!

Table with all your calculation Results instantly displayed and ready to print!

Cable Calculations Project

File

Project Name: Solutions Electrical Max. Volts Drop.: Total V. Drop: 5.0 %

Additional Info.: 502.8251 288.9764 Pg: 1 Zoom factor: 100 %

Connected To	Load I.D.	Type	Volt (V)	Volt Drop	Length	Load Current	Cores	Material	Installation	No. of C	CABLE Size (mm ²)
Solutions Ele	Main Transforme	Copper	11000	0	375	66 Amps	Multi	XLPE	Buried Direct	1	95.0 mm ²
Level No. 2											
Main Transfo	Main Board	Copper	400	2.418	27	912 Amps	Singles	XLPE	Spaced (Tret	3	150.0 mm ²
Level No. 3											
Main Board	DB 1 Main Offic	Copper	400	3.13	58	277 Amps	Multi	XLPE	Buried Direct	1	95.0 mm ²
Main Board	DB 2 Office Bloc	Copper	400	3.166	47	174 Amps	Singles	XLPE	Spaced (Tret	1	50.0 mm ²
Main Board	DB 3 Workshops	Copper	400	3.144	88	250 Amps	Multi	XLPE	Buried Direct	1	95.0 mm ²
Level No. 4											
DB 3 Worksh	M1 Extractor Fan	Copper	400	2	50	1.2 KW 0.85 PF	Multi	XLPE	Touching	1	6.0 mm ²
DB 3 Worksh	M2 Motor 2 Extre	Copper	400	2	37	1 KW 0.8 PF	Multi	XLPE	Touching	1	4.0 mm ²
DB 3 Worksh	Transfer Pump 1	Copper	400	2	62	1.2 KW 0.85 PF	Singles	PVC	Buried Enclos	1	16.0 mm ²
DB 3 Worksh	Transfer Pump 2	Copper	400	2	65	1.2 KW 0.8 PF	Singles	PVC	Buried Enclos	1	16.0 mm ²
DB 3 Worksh	Transfer Pump 3	Copper	400	2	35	1.7 KW 0.8 PF	Multi	XLPE	Touching	1	16.0 mm ²
DB 3 Worksh	Transfer Pump 4	Copper	400	2	41	1.7 KW 0.8 PF	Multi	XLPE	Touching	1	16.0 mm ²
DB 1 Main O	Socket Outlets F	Copper	230	2.56	64	12 Amps	Multi	PVC	Touching	1	6.0 mm ²
DB 1 Main O	Socket Outlets S	Copper	230	2.56	47	8 Amps	Multi	PVC	Touching	1	4.0 mm ²
DB 1 Main O	Photo copier 1	Copper	230	2.56	28	5 Amps	Multi	PVC	Partial Insulat	1	1.5 mm ²
DB 1 Main O	Front Office Ligt	Copper	230	2.56	32	5 Amps	Multi	PVC	Touching	1	1.5 mm ²
DB 1 Main O	Corridor Lighting	Copper	230	2.56	48	6 Amps	Singles	PVC	Conduit	1	2.5 mm ²
DB 1 Main O	Car Park Lighting	Copper	230	2.56	78	6 Amps	Multi	PVC	Buried Enclos	1	4.0 mm ²
DB 2 Office E	Computer Suite	Copper	230	2.59	36	8 Amps	Multi	PVC	Touching	1	2.5 mm ²
DB 2 Office E	Vending Machin	Copper	230	2.59	28	8 Amps	Multi	PVC	Touching	1	2.5 mm ²
DB 2 Office E	Socket Outlets C	Copper	230	2.59	40	6 Amps	Multi	PVC	Conduit	1	2.5 mm ²
DB 2 Office E	Office 2 Lighting	Copper	230	2.59	35	4 Amps	Multi	PVC	Touching	1	1.5 mm ²

Print Screen

Draw Load Centre

Display Drawing

Cable calculations Results