



# EDIS USER GUIDE

## EDIS EXCEL SPREADSHEET

### THREE PHASE CIRCUITS

Entering, converting and uploading  
circuits with three phases using the  
EDIS Excel forms

(EDIS is the Electrical Distribution Information System)

[www.electricalcertificates.co.uk](http://www.electricalcertificates.co.uk)



**After reading this document you should be able to:**

- Work with the three phases circuits (TP)
- Convert between TP circuit and separate L1L2L3 circuits
- Preparing the sheet for upload

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## 1 Login and download the excel sheet

- Before editing the Excel sheet you will need to log in and download the EDIS Excel sheet - here is a video

<http://www.electricalcertificates.co.uk/video-downloading-editing-and-uploading-edis-certificates-using-excel>

- The download sheet should then be opened

## 2 Three phase circuits, creating, editing and uploading

- The EDIS Excel sheet allows users to enter TP circuits. Select the option on the left-hand side drop down box in column A) "Display as TP" – this will merge the L1L2L3 circuits into a single TP circuit. *To revert the TP to separate L1L2L3 circuits select "Display as L1L2L3".*

The screenshot shows an Excel spreadsheet with a ribbon at the top (File, Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Add-ins, Team, Tell me what you want to do) and a formula bar containing "Display as L1L2L3 / RYB".

The spreadsheet is divided into several sections:

- Buttons (Row 1-5):** Add Board, Copy Board, Delete Board, Add Circuit, Prepare for Upload.
- Form Fields (Row 6-17):**
  - Board Ref: LV-N, Board type: ACB, Location: [blank]
  - Board Function: General Services, Section: [blank]
  - Manufacturer: AEL, Supplied From: [blank]
  - Board Type: Mains Distribution
  - Overcurrent Protection Device: 60947-2, Type: [blank], Rating: 2000, Cable Size: [blank]
  - Correct Supply Polarity Confirmed: Y, Phase Sequence Confirmed: Y, Details of circuits and damage when testing: [blank]
- Table (Row 18-28):**

Circuit Number	Phase	Sub-Main	Phases supply same point	Circuit Designation	Type of Wiring	Reference Method	Points Served	Circuit conductors: csa		Disconnect time
								Live	CPC	
1	TP	Y	Y	1-Ventilation Plant Studio A&	G	E	1	95	SWA 147	5
2	L1	Y	Y	A3-Eastenders Switch Room N° 1	G	E	1	185	SWA 255	5
2	L2	Y	Y	A3-Eastenders Switch Room N° 1	G	E	1	185	SWA 255	5
2	L3	Y	Y	A3-Eastenders Switch Room N° 1	G	E	1	185	SWA 255	5

- When the three phases of a circuit **supply the same point** – the field “All three phases supply the same point” should be set to Y.

A	E	C	D	E	F	G	H
		Circuit Number	Phase	Sub-Main	Phases supply same point	Circuit Designation	
Display as TP		1	TP	Y	Y	A1-Ventilation Plant Studio	
Select an Option		2	L1	Y	Y	A3-Eastenders Switch Room N° 1	
Select an Option		2	L2	Y	Y	A3-Eastenders Switch Room N° 1	
Select an Option		2	L3	Y	Y	A3-Eastenders Switch Room N° 1	

- Before uploading the TP circuits should be prepared for upload by clicking the prepare for upload button in cell A5 – **Prepare for Upload**