

Construction Site Electrical Distribution Box Drawing Number

Article Overview

Electrical distribution boxes on construction drawings are assigned a unique Electrical Identification Number, which is used for referencing in schematics, panel schedules, and site drawings.

Electrical Identification Numbering

Each switchboard, low-voltage (LV) or high-voltage (HV) distribution box, and motor control center (MCC) is allocated a unique Electrical Identification Number. This number is used consistently across all construction documents, including:

- Schematic diagrams
 - One-line diagrams
 - Panel schedules
 - Interconnection drawings
- For example, a main LV switchboard might be labeled as MAIN 440V L.V. SWITCHBOARD - (P410) REF: M1, where M1 is the Electrical Identification Number used throughout the project documentation .

Circuit and Panel References

Each circuit connected to the distribution box is assigned a PC (Power Circuit) reference number, which is prefixed by the Electrical Identification Number of the equipment. This ensures that every circuit can be traced back to its source distribution box. The numbering typically:...

Article Content

Jul 07, 2026

Site Boxes IP44 IK09 Single-Phase and Three-Phase

Site Boxes On a construction site, temporary power supply determines the safety of the entire team and the continuity of work. The

Apr 28, 2026

APPENDIX 9B Standard Drawings for Electrical Design

When an electrical distribution system is too large to be shown on a single drawing, the major components and feeders should be

Oct 25, 2025

WALTHER-WERKE: Construction site power distributors

Full range of construction site power distributors The full range comprises connection cabinets, connection distributors, main and

Sep 12, 2025

Standard Drawings

To view or download the following drawing titles in PDF format, please click here. If you have AutoCAD program, click the following

Oct 18, 2025

Everything You Need to Know About Temporary Power

Portable construction boxes give you the immediate, consistent electricity you need to

Nov 25, 2025

CLP Power Hong Kong

%PDF-1.7 %âãÏÓ 1612 0 obj > endobj 1642 0 obj
>/Filter/FlateDecode/ID[53E0E4BB76CDC242866F52E7DB424845>]/Index[1612

May 19, 2026

Power supply on the construction site

A site power distribution board is usually an electrical distribution box equipped with various sockets to provide power for different

Apr 03, 2026

Key Points Of Installation And Collocation Of Distribution Box In ...

1. The power distribution system at the construction site shall be distributed in different levels. The main distribution box (or

Sep 30, 2025

Circuit Numbering and Labeling for Electrical Equipment

This standard describes requirements for numbering and labeling of real property electrical distribution equipment, circuits, and site

Aug 14, 2025

Electrical Power Distribution: Part 2 Drawings, Symbols & Studies

Introduction Engineering documentation comes in many forms such as plans, drawings, specifications, data sheets, brochures, data

Oct 21, 2025

Bibliocad — Free CAD Blocks, download +120k blocks .DWG, .RVT

The largest free download library of CAD blocks for architecture and engineering, 2D, 3D. Download files in Autocad, Revit, Sketchup

Jun 04, 2026

Electrical

REFER TO CONTRACT DRAWINGS, MMCD AND CITY SUPPLEMENTAL SPECIFICATIONS FOR FURTHER INFORMATION.

Dec 07, 2025

Electrical Drawing of Building – Front Desk Architects

Creating a complete electrical drawing for a building involves various elements, such as lighting, power outlets,

Oct 11, 2025

Construction Drawings: Picturing Project Success

Unpack the various types of construction drawings in the drawing set and learn their roles in projects.

Oct 18, 2025

Home | GSA

Our mission is to deliver the best customer experience and value in real estate, acquisition, and technology

Jul 23, 2026

Expert Guide: Select the Right Temporary Power Distribution Box

Conclusion Safe and efficient power management requires reliable temporary power distribution boxes at construction sites, events,

Jul 24, 2025

Construction site electrical enclosure

Find your construction site electrical enclosure easily amongst the 25 products from the leading brands (BIO-UV, YSCABINET,

Oct 26, 2025

Temporary Power Distribution Boxes for Electrical Installation

Temporary power distribution boxes for flexible electrical installation. Robust solutions for construction sites, events and temporary

Sep 11, 2025

Distribution Box Drawing for Community Hall | PDF

It shows the main power input of 80A coming from the main kiost. It then shows various circuit breakers distributing power to different

Jul 06, 2026

Symbols for Electrical Construction Drawings

1. Scope This publication describes graphic symbols used to represent electrical wiring and equipment on con-struction drawings. In

Sep 12, 2025

NECA 100 Electrical Construction Drawing Symbols Standard

NECA 100 standard for electrical construction drawings. Includes symbols for wiring, lighting, outlets, fire alarms, and communication

Jan 27, 2026

Standard Drawings

E1-1 Single Line Diagram. Distribution Systems 12 kV Dual Radial Feeders Typical Building Supply (Vancouver) E1-2 Electrical Unit

Aug 28, 2025

Electrical Power Distribution: Part 2 Drawings, Symbols & Studies

This information provides a foundation to understand electrical power distribution systems, the types of information that can be found

Dec 14, 2025

Electrical Power Distribution: Part 2 Drawings, Symbols & Studies

NEMA – The National Electrical Manufacturers Association establishes standards for the operating performance, characteristics,

Aug 15, 2025

Electrical Plan Symbols

Electrical plan symbols used in electrical drawings, including power, lighting, security, fire alarm, and communications

Apr 06, 2026

APPENDIX 9B Standard Drawings for Electrical Design

INTRODUCTION This appendix presents an example set of SPU Standard Drawings for electrical design. Drawings and

Jul 17, 2026

Electrical Site Plan Symbols

Understanding Electrical Site Plan Symbols: A Comprehensive Guide Electrical site plans are crucial documents in

Apr 19, 2026

Electrical Numbering System (Standardised) – PAKTECHPOINT

For lighting and small power supplies that are taken from a distribution board, run in armored cable, and scheduled, the cable

May 22, 2026

The electrical information and layouts in construction drawings

Because the safety of the electrical system is of prime importance, it is imperative that all Navy electrical installations ashore conform

Apr 25, 2026

Electricity Engineering Section

Part 2 2. Main Distribution Board (MDB) and Single Line Diagram (SLD) 2.1. MDB/SLD Related Comments: 2.2. The electricity intake

Jul 03, 2026

ENERGY METALBOX Assemblies for Construction Sites (ACS) distribution ...

ENERGY METALBOX range consists of construction site distribution boards in metal cabinets with technopolymer socket-outlets.

Mar 15, 2026

Symbols for Electrical Construction Drawings

This standard contains symbols commonly and primarily used on electrical construction drawings. Related symbols are organized

Aug 24, 2025

How to Read and Interpret Electrical Shop Drawings –Part One

How to Read and Interpret Electrical Shop Drawings –Part One ... In the next article, we will explain the standards used for shop

Jul 28, 2025

Power Distribution Blocks and Wire Numbers

Be sure your project properties are not set to wire number on per-wire basis. This forces every wire to be assigned a

Jul 04, 2026

ENERGYBOX Assemblies for Construction Sites (ACS) distribution

The panels are made in a sturdy and handy two-component technopolymer cabinet with a fire-resistant backrest, which allows them

Apr 26, 2026

Electrical Panel Floor Plan Symbol

Electrical Panel Floor Plan Symbols Electrical panel floor plan symbols constitute a fundamental element in

Mar 11, 2026

Requirements for distribution box at construction site

2□ The rated value and action setting value of the main distribution box shall be compatible with the rated value and action setting

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

