

How to wire a two-hole socket in a distribution box



Article Overview

To wire a two-hole socket, connect the live (phase) and neutral wires to the corresponding terminals in the socket, ensuring the circuit is de-energized and following proper safety procedures.

Safety First

Before starting, turn off the main breaker in the distribution box to de-energize the circuit. Verify with a voltage tester that no current is present at the wires you will work with. If the circuit lacks a ground wire, you must use a two-prong ungrounded socket or a GFCI-type receptacle for safety .

Identify Wires

- Live (phase) wire: Usually brown, black, or red.
 - Neutral wire: Usually blue or white.
 - Ground wire: Green-yellow (if present). For a two-hole socket, this may be absent .
- Use a voltage tester or indicator screwdriver to confirm which wire is live and which is neutral.

Wiring Steps

- Prepare the socket: Remove the cover and locate the terminal screws. Two-hole sockets have two terminals: one for live and one for neutral .
- Strip the wires: Remove about 1 cm of insulation from each wire end....

Article Content

Jul 28, 2025

How to Wire a Twin 3-Pin Socket Outlet? Wiring 2-Gang Socket

Wiring a BS1363 Plug How to Wire a UK 3-Pin Socket Outlet? Wiring a BS1363 Socket
Why Earth Pin is Thicker and Longer in a 3

Oct 30, 2025

Wiring of the Distribution Board From Energy Meter to the Consumer

How to Wire a Distribution Board? Distribution Board also known as "Panel Board",
"Switch & Fuse Board" or "Consumer Unit" is a

Feb 18, 2026

Double Socket Installation: Top 5 Easy Steps

Master double socket installation with our easy step-by-step guide, safety tips, tools,
and pro advice for DIY success!

Jul 30, 2025

How to add more electrical sockets at B& Q

Replacing a socket or converting a single socket into a double are simple jobs. We'll
show you how to add more electrical sockets

Aug 19, 2025

How to Wire an Outlet Receptacle? Socket Outlet Wiring Diagrams

How to Wire and Install an Electrical Outlet Receptacle? 15A, 20A, 30A, 50A, 120V
and 240V Outlet Wiring. Wiring installation of a

Jan 23, 2026

How to fit & replace electric sockets

Find out how to fit and replace electric sockets with our guide. Before adding a
socket, ensure that it will be compliant with IEE

Sep 07, 2025

How to Install a Cable Distribution Box Safely and Correctly?

Mounting the Box Marking and drilling: According to the predetermined installation
position, mark the fixed point on

Sep 03, 2025

How to Wire Two Outlets in One Box

Wiring two separate outlets within a single electrical box is a common residential task that allows for specialized functions, such as

May 27, 2026

Duplex Electrical Receptacle Wire Connections

How to wire up a duplexed or multiple electrical receptacle: This article explains how we connect multiple electrical receptacles in

Apr 27, 2026

How to install and connect a double socket into one socket box

We will tell you in detail and show you how to connect a double socket, how to arrange a socket for an electrical outlet and ensure

Sep 04, 2025

12 Types of Electrical Boxes and How to Choose

Learn about the many common types of wall and ceiling electrical boxes for switches, outlets, light fixtures, ceiling

Dec 21, 2025

How to Wire Socket Outlets in a Domestic Installations

The power points in an electrical installation are called socket outlets. These socket outlets commonly called plug points are wired in

Oct 20, 2025

2-Wire (no ground) Electrical Outlet Wiring

How to wire an un-grounded electrical outlet - How to wire an electrical receptacle (OUTLET OR WALL PLUG) WHEN THERE ARE

Jul 02, 2026

How to Wire a Double Outlet

If you want to install a electrical double outlet, you should know that it is a little different than when wiring in a single outlet.

Jan 04, 2026

Two Outlets in One Box Wiring Diagrams

This page contains wiring diagrams for two outlets in one box. Included are arrangements for 2 receptacles in one box, a switch and

May 13, 2026

How to install a double socket from scratch:

Tools and Materials Needed: Double socket outlet Back box (surface-mounted or flush) Electrical cable (typically 2.5mm² twin and

Jun 15, 2026

Sockets & Switches | Traditional, Modern ...

Important: Metal decorative sockets and switches must be correctly earthed. This is achieved by connecting the fixed earth wire to

Contact Us

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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

