

3D MODEL ONLY



Snap-fit ESP-01S Relay Case



Makeuseum

[VIEW IN BROWSER](#)

updated 17. 7. 2024 | published 17. 7. 2024

Summary

A snap-fit ventilated enclosure designed to protect your ESP-01S Relay module.

[Hobby & Makers](#) > [Electronics](#)

Tags: [case](#) [relay](#) [home](#) [esp8266](#) [smart](#) [module](#) [esp](#)
[esp01](#) [esp01s](#)

This is a compact, ventilated, snap-fit and quick-to-print case designed to protect your ESP-01 or ESP-01S with relay module.

It fits a single relay, making it ideal for smart home appliance or lighting applications.

Included are a solid and vented top part.

Due to different tolerances between manufacturers your PCB may fit more tightly or loosely depending on its size. There are two versions of the base which aim to correct that:

A: Base with an M3 insert

B: Base with a Pin mount

Parts needed:

1x Base.stl (choose one you like based on the description)

1x Top.stl (vented or solid)

Model files



body-v11-pin_mount.stl

☐ Newest base with separation for low and high voltage and a pin mount for the relay.



base.stl

☐ Basic base without screw holes or space for an M3 insert.



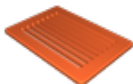
base_wall_mount_m3_insert.stl

☐ Base with screw holes for wall mounting and a space for an M3 insert



base_wall_mount.stl

☐ Base with screw holes for wall mounting without a space for an M3 insert



top_vented.stl

☐ Vented top

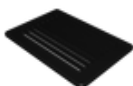


top_solid.stl

☐ Solid top



base.3mf



top_vented.3mf



top_solid.3mf

esp01s_relay_case.step

esp01s_relay_enclosure-wall-mount-m3-insertstep.step

esp01s_relay_enclosure-wall-mount.step

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](#)

Attribution—Noncommercial—Share Alike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition