

Shelly 1PM PLUS case - no insert



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[VIEW IN BROWSER](#)

updated 7. 10. 2022 | published 7. 10. 2022

Summary

A remix from the thingiverse version with WAGO. Uses screw instead of bolt & inserts.



1.99 hrs



1 pcs



0.30 mm



0.60 mm



PET



38 g



Prusa
MK3/S/S+

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Tags: [shelly](#) [shelly1pm](#) [shelly25](#) [shellyem](#) [shellyholder](#)
[shellyplus1](#) [shellyplus1pm](#) [shellyplus2pm](#)

Remix of this holder: <https://www.thingiverse.com/thing:4974328>

In complement to [@cnrd](#) I remixed the version with WAGO from thingiverse

- Uses screws with diam slightly superior at 3mm instead of inserts from original model,
- No support, Prefer PETG

Text from Thingiverse original model, I remixed:

"

Shelly 1PM PLUS case for "on cable" wiring (similar to shelly button).

The other relays in the PLUS line are supposed to have the same external dimensions, so theoretically they should all fit, but this model was made specifically from the 1PM PLUS dimensions (which, btw, are considerably larger than the official specifications, by more than 1mm on all sides).

The Shelly 1PM PLUS relay version features additional N and L terminals compared to the old 1PM, so you shouldn't need an extra connector anymore, hence the version without wago connectors.

Features:

- A version with room for 2 WAGO 221-413 connectors
- cutouts on both sides for better ventilation and you can easily see the whole diagram on the shelly upper side, and also access to the button and connectors on the other side.
- side cutouts and gaps above and below the long relay side, for better ventilation (see section image)
- the cable holes are for 8mm cables, and there are slots designed to hold the cables in place with zip-ties
- recommended filament: ApolloX modified ASA based 3D printer filament, high strength and heat resistant

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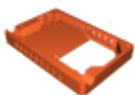
This remix is based on



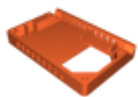
Shelly 1PM Plus holder

by cnrd

Model files



shelly_plus_1pm_wago_botom_remix_screws.stl



shelly_plus_1pm_wago_top_original.stl

<https://www.thingiverse.com/thing:4974328>

Print files



shelly_plus_1pm_wago_remix_screws_06n_03mm_petg_mk3... .gcode

PET 0.60 mm 0.30 mm 1.99 hrs 38 g Prusa MK3/S/S+

[Find source .stl files on Thingiverse.com](#)

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