## 尺寸: 51X85 mm 材质: 105g铜版纸 装订方式: 风琴方式

	Prerequisites	Getting Started - Step 1	Getting Started - Step 2	← Wi-Fi Q ⑦	Getting Started - Step 3
KAUF	The software included on the KAUF smart plug is intended for use with Home Assistant. If you	Begin by plugging the KAUF smart plug into a wall outlet. Multiple new KAUF devices can be plugged in and configured at once, but the	After being plugged in for 20-30 seconds, the KAUF smart plug will recognize that it cannot connect to Wi-Fi and create its own "fallback" Wi-Fi hotspot for you to connect to.	Use Wi-Fi	Once you are connected to the KAUF smart plug's fallback Wi-Fi hotspot, you should be prompted to "sign in" to the hotspot.
	need to set up Home Assistant, Kaufman Home Automation recommends that you purchase a Raspberry Pi 4 kit and follow the directions at:	process may go more smoothly if only a single new device is plugged in and completely set up before plugging in another.	The KAUF smart plug's fallback Wi-Fi hotspot will be called "kauf-plug-XXXXXX vY.YY", where XXXXXX is a random string of characters based	<ul> <li>noagendashow.com</li> <li>G19MamaDuck2</li> </ul>	Clicking the sign-in prompt will open up the web interface shown in FIG. 2.
Energy Monitoring	https://www.home-assistant.io/installation/	The red LED on the front face will begin blinking very soon after you plug in the KAUF smart plug, since the device will initially be unable to	on the plug's MAC address and YYY indicates the KAUF firmware version running on the plug.		If there is no sign-in prompt, or the web interface in FIG. 2 is not automatically opened, you can try going to http://192.168.4.1 in a we browser while connected to the fallback hotsp
Smart Plug	Once you have Home Assistant running, proceed to Getting Started - Step 1 on the next page.	connect to Wi-Fi. NOTE: If the blue LED is also on, the LED will	Using a Wi-Fi enabled device, such as a mobile phone or laptop computer, connect to the fallback Wi-Fi hotspot. Please be patient and refresh the Wi-Fi network list on your device. It	<ul> <li>✓ NETGEAR74</li> <li>✓ Papitos</li> </ul>	The web interface allows you to select one of the listed Wi-Fi networks automatically
PLF12	You also have the option to use the built-in HTTP API without Home Assistant or reprogram the KAUF smart plug with another ESP8266 compatible formuces which ensure to require	appear to alternate between blue and purple rather than between red and off due to the red and blue light combining into purple.	can take 1-2 minutes for the hotspot to show up in your system's Wi-Fi menu. FIG. 1 shows the fallback Wi-Fi hotspot found by an Android	SETUP-139C     ♪       ↓     ThePinkHouse	detected by the KAUF smart plug, or enter any other SSID/password combination to join any 2.4 GHz Wi-Fi network.
User Manual	Home Assistant.	Move to step 2 once you see the red LED blinking.	device. Connect to the Wi-Fi network and continue to Step 3.	Router? I hardly know her     Add network  FIG 1	Enter your Wi-Fi credentials into the web interface shown in FIG. 2, click save, and then continue on to Adding to Home Assistant.
Kaufman Home Automation, LLC KaufHA.com	- 01 -	- 02 -	- 03 -	-04 -	- 05 -
Discovered kauf-plug-0a61b8	Renaming Continued	Device info PLF12 by Kauf	Importing into ESPHome Dashboard First	ESPHome	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug
Discovered kauf-plug-0a61b8 ESPHome	Renaming Continued Search for kauf under the Devices configuration page. Click the plug to open up Home Assistant's device page for the plug, which will show detailed information about the device including all entities. At the top-right of this page	Device info PLF12 by Kauf Firmware: 2022.10.0b1 (Oct 13 2022, 19.37:24) Hardware: 1.98(f)	Importing into ESPHome Dashboard First Importing into the ESPHome dashboard before Home Assistant has helpful benefits. First, the ESPHome dashboard will automatically pull in firmware updates we release. Second, the plug	kauf-plug-3348ec kauf.plug-3348ec kauf.ptitio	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug We recommend that you give your KAUF smar plug a static IP address on your local network to prevent potential issues.
Discovered kauf-plug-0a61b8 ESPHome CONFIGURE FIG. 3C	Renaming Continued Search for kauf under the Devices configuration page. Click the plug to open up Home Assistant's device page for the plug, which will show detailed information about the device including all entities. At the top-right of this page is a pencil that can be clicked to change the Home Assistant device name and set an Area for the plug.	Device info           PLF12           by Kauf           Firmware: 2022.10.0b1 (0ct 13 2022, 19.37:24)           Hardware: 1.98(f)           visit           Controls	Importing into ESPHome Dashboard First Importing into the ESPHome dashboard before Home Assistant has helpful benefits. First, the ESPHome dashboard will automatically pull in firmware updates we release. Second, the plug name can be changed before adding into Home Assistant, preventing the need to rename each entity individually.	ESPHome          kauf-plug-3348ec         kauf-plug-3348ec         kauf.pitto         * ADOPT	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug We recommend that you give your KAUF smart plug a static IP address on your local network to prevent potential issues. If the IP address of your KAUF smart plug does happen to change, the plug will likely show up as unavailable in Home Assistant temporarily.
Discovered kauf-plug-0a61b8 ESPHome CONFIGURE FIG. 3C Finding and Renaming in Home Assistant	Renaming Continued Search for kauf under the Devices configuration page. Click the plug to open up Home Assistant's device page for the plug, which will show detailed information about the device including all entities. At the top-right of this page is a pencil that can be clicked to change the Home Assistant device name and set an Area for the plug. The Home Assistant device page also includes general device info and a list of entities in various categories. See our GitHub page for a complete	Device info         PLF12         by Kauf         Pimware: 2022.10.0b1 (Oct 13 2022, 19:37:24)         Hardware: 1.98(f)         visit           Visit           Kauf Plug         ADD TO DASHBOARD	Importing into ESPHome Dashboard First Importing into the ESPHome dashboard before Home Assistant has helpful benefits. First, the ESPHome dashboard will automatically pull in firmware updates we release. Second, the plug name can be changed before adding into Home Assistant, preventing the need to rename each entity individually. After connecting the plug to Wi-Fi as described in Step 3, the ESPHome dashboard will detect the plug like Home Assistant. FIG. Sa shows the	ESPHome          kauf-plug-3348ec         kauf-plug-3348ec         kauf.pf10         ± ADOPT         FIG. 5a         Editing: kauf-plug-3348ec.yaml         * substitutions: rfiendy_make: kauf-plug-3348ec.yaml	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug We recommend that you give your KAUF smar plug a static IP address on your local network to prevent potential issues. If the IP address of your KAUF smart plug does happen to change, the plug will likely show up as unavailable in Home Assistant temporarily. Restarting Home Assistant should cause it to find the plug at its new IP address.
Discovered         Image: kauf-plug-0a61b8         ESPHome         Image: configure         FIG. 3C    FIG. 3C Finding and Renaming in Home Assistant We recommend importing into the ESPHome dashboard to rename everything easily (see page 12 or our YouTube channel for directions).	Renaming Continued Search for kauf under the Devices configuration page. Click the plug to open up Home Assistant's device page for the plug, which will show detailed information about the device including all entities. At the top-right of this page is a pencil that can be clicked to change the Home Assistant device name and set an Area for the plug. The Home Assistant device page also includes general device info and a list of entities in various categories. See our GitHub page for a complete description of all entities. FIG. 4 on the next page shows some of the information and entities.	Device info         PLF12         by Kauf         Pimware: 2022.10.0b1 (Oct 13 2022, 19:37:24)         Hardware: 1.98(f)         visit       2         Kauf Plug         ADD TO DASHBOARD         Configuration	Importing into ESPHome Dashboard First Importing into the ESPHome dashboard before Home Assistant has helpful benefits. First, the ESPHome dashboard will automatically pull in firmware updates we release. Second, the plug name can be changed before adding into Home Assistant, preventing the need to rename each entity individually. After connecting the plug to Wi-Fi as described in Step 3, the ESPHome dashboard will detect the plug like Home Assistant. FIG. Sa shows the ESPHome dashboard having detected a plug. Press Adopt to add the plug into your dashboard.	ESPHome          kauf-plug-3348ec         kauf-plug-3348ec         kauf.plug         ± ADOPT         FIG. 5a         Editing: kauf-plug-3348ec.yaml         i = substitution: fiendy-mass: Badroon Fan espice: mass_dd_mac_suffix: falle	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug We recommend that you give your KAUF smar plug a static IP address on your local network to prevent potential issues. If the IP address of your KAUF smart plug does happen to change, the plug will likely show up as unavailable in Home Assistant temporarily. Restarting Home Assistant should cause it to find the plug at its new IP address. Resetting Wi-Fi Holding the plug's button for 30 seconds will erase the plug's Wi-Fi settings and cause the
Discovered         kauf-plug-0a61b8         ESPHome         configure         FIG. 3C    Finding and Renaming in Home Assistant We recommend importing into the ESPHome dashboard to rename everything easily (see page 12 or our YouTube channel for directions). To manually rename, search for kauf under the Integrations configuration page. Use the kebab menu (three dots) and select rename to change	Renaming Continued Search for kauf under the Devices configuration page. Click the plug to open up Home Assistant's device page for the plug, which will show detailed information about the device including all entities. At the top-right of this page is a pencil that can be clicked to change the Home Assistant device name and set an Area for the plug. The Home Assistant device page also includes general device info and a list of entities in various categories. See our GitHub page for a complete description of all entities. FIG. 4 on the next page shows some of the information and entities. Each entity can be renamed by clicking on it. Be sure to change both its name and its entity ID to something more descriptive.	Device info   PLF12   by Kauf   Firmware: 2022.10.0b1 (Oct 13 2022, 13:7:724)   Hardware: 1.98(f)   visir [2]   controls   i   Kauf Plug   ADD TO DASHBOARD     Configuration   iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Importing into ESPHome Dashboard First Importing into the ESPHome dashboard before Home Assistant has helpful benefits. First, the ESPHome dashboard will automatically pull in firmware updates we release. Second, the plug name can be changed before adding into Home Assistant, preventing the need to rename each entity individually. After connecting the plug to Wi-Fi as described in Step 3, the ESPHome dashboard will detect the plug like Home Assistant. FIG. 5a shows the ESPHome dashboard having detected a plug. Press Adopt to add the plug into your dashboard. Next, edit the yaml file generated for the plug to add a friendly_name as shown in FIG. 5b. The friendly name will be used for the name of each	ESPHome          kauf-plug-3348ec         kauf-plug-3348ec         kauf-plug-3348ec         kauf-plug-3348ec         FIG. 5a         Editing:       kauf-plug-3348ec.yaml         if substitutions:	Static IP ESPHome can have issues if your network changes the IP address of the KAUF smart plug We recommend that you give your KAUF smart plug a static IP address on your local network to prevent potential issues. If the IP address of your KAUF smart plug does happen to change, the plug will likely show up as unavailable in Home Assistant temporarily. Restarting Home Assistant should cause it to find the plug at its new IP address. <b>Resetting Wi-Fi</b> Holding the plug's button for 30 seconds will erase the plug's Wi-Fi settings and cause the plug to put its Wi-Fi AP back up to enter new credentials.
<image/> <text><section-header><section-header><text></text></section-header></section-header></text>	<text><text><text><text><text></text></text></text></text></text>	Device info   PLF12   by Kauf   19:37:24)   Hardware: 1:98(7)   VISIT C     Controls   Kauf Plug   Abb TO DASHBOARD     Configuration   Mard Plug Blue LED   Kauf Plug Blue LED   Mard Thug Bluen Config   Mard Thug Bluen Config   To To To To To To To To gale   FIG. 4	<text><text><text><text><text><text></text></text></text></text></text></text>	Esteration of the second se	Static IP         SSPHome can have issues if your network         changes the IP address of the KAUF smart plug         We recommend that you give your KAUF smart         plug a static IP address on your local network         to prevent potential issues.         If the IP address of your KAUF smart plug does         papen to change, the plug will likely show up         as unavailable in Home Assistant temporarily.         Restarting Home Assistant should cause it to a         find the plug at its new IP address.         Bolding the plug's button for 30 seconds will         erase the plug's Wi-Fi settings and cause the         plug to put its Wi-Fi AP back up to enter new         credentials.

l, eb pot.	Sign in to kauf-plug-0a61b8 v1.98       :         192.168.4.1       :         Found Wi-Fi Networks <ul> <li>noagendashow.com</li> <li>Kaufman</li> <li>Kaufman</li> <li>Magendashow.com</li> <li>SETUP-139C</li> <li>NETGEAR94</li> <li>619MamaDuck2</li> <li>NETGEAR1</li> <li>CenturyLink2512</li> <li>Dharma Station Looking Glass</li> </ul>	Adding to Home Assistant The KAUF smart plug will connect to the entered Wi-Fi network. Shortly thereafter, Home Assistant will detect the KAUF smart plug and provide a notification in Home Assistant's interface. FIG. 3a shows a notification in Home Assistant's menu. Click the "notifications" option in the menu and another menu will appear with the notification as shown in FIG. 3b. Click "Check it out" in the notification.	Developer Tools     Supervisor     Configuration     Notifications     BK Brian Kaufman  FIG. 3a
y	SSID Password Save	shows the KAUF smart plug as a Discovered device. FIG. 3c shows the card. Click "configure" and follow the prompts to finish adding the KAUF smart plug to Home	New devices discovered We have discovered new devices on your network: <u>Check it out.</u> 2 days ago DISMISS
	Show password:  FIG. 2 - 06 -	Assistant (you may want to add the plug to the ESPHome dashboard before this, see page 12). - 07 -	FIG. 3b
g. rt s	Flashing a Different Firmware The KAUF smart plug's web interface allows its firmware to be reprogrammed by uploading a bin or bin.gz file. A replacement firmware can be uploaded at the bottom of the page shown in FIG. 2, or by browsing to the KAUF smart plug's IP address after the plug is added to Home Assistant. Any ESP8266 compatible firmware can be used as long as the firmware supports both 1MB flash and OTA updates.	Tasmota NotesThe flash memory on the KAUF smart plug has enough free space to flash the full default Tasmota firmware as long as the gzip file is used. Download the file called "tasmota.bin.gz" and flash it to install Tasmota.You can also try tasmota-lite.bin or .bin.gz if you are receiving an out of space error.IMPORTANT: DO NOT flash the KAUF smart plug with tasmota-minimal.bin or .bin.gzThe minimal version of Tasmota does not include the captive portal that is required to connect the plug to your Wi-Fi network. If you go straight from the included ESPHome-based firmware to tasmota-minimal, your KAUF smart plug will be bricked, requiring the plug to be taken apart and soldered to reflash.	ESP8200 PINOUL         GPI01 - Red LED, active low         GPI03 - Button input, requires pullup R         GPI04 - Power monitoring CF pin         GPI05 - Power monitoring CF1 pin         GPI013 - Relay output, active low         GPI013 - Relay output, active high         GPI014 - Power monitoring SEL pin         Power monitoring uses the BL0937 varian         of the HLW8012 chip.         Additional Help         Visit our webpage for additional details and         help:         https://kaufha.com/PLF12         Feel free to email us to ask specific question:         not covered in this manual or on our website         help@kaufha.com
	- 15 -	- 16 -	- 17 -