Product change notification (PCN)

Title / short description	FL WLAN 1x2x new Firmware and Country Approvals added
Affected article category	Industrial communication technology
Change category	Approval, Software modification
Change number	CDN260069-00
Reason for PCN/PDN Revision	

Purpose/objective of the change

New FW-Revision and Country Approvals added.

Detailed description of the change

New FW Revision 26.10 see attachment. Country Approvals for Australia RCM, Brazil ANATEL and Taiwan NCC,BSMI

Identifying characteristics

Revision increase on packaging. Approvals marked on device. For detailes refer to PCN_CDN260069_detail.pdf

Start of Production (SOP)	-	**Last Time Delivery (LTD)**	-
Effective date (EOP)	2027-02-26	**End of Service (EOSR)**	-
End of Sales (EOS)	-		

Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- ☐ Software / Firmware Bugfix
- ☐ Short-term delivery stop by supplier
- ☐ Short-term recall by supplier
- ☐ Force majeure
- ☒ Product improvement with customer benefits
- ☒ Others

Improvement of FW, approvals added

Attachments

- PCN_CDN260069_detail.pdf
- Release_Note_FL_WLAN_102x-112x_EN_v26.10 DRAFT.pdf
- Material_list.csv
- PCN-CDN260069-00_EN

2026-9-29 VDMA24903_1.0

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Material list

Item		Hardware / Firmware		Substitute item	
Item no.	Type	old	new	Item no.	Type
1386091	FL WLAN 1120	05	06		
2702992	FL WLAN 1020	07	08		
1752493	FL WLAN 1022	05	06		
1752496	FL WLAN 1122	04	05		
1386092	FL WLAN 1121	05	06		
2702993	FL WLAN 1021	06	07		

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Product Change Notification for the
Phoenix Contact Sales Net

How do I recognize the change?

Change of V/C on the packaging label

Art.-No.	Description	Article Revision	New Article Revision	Added approvals
1386091	FL WLAN 1120	05	06	Australia RCM Brazil ANATEL Taiwan NCC, BSMI
1386092	FL WLAN 1121	05	06	Taiwan NCC, BSMI
1752496	FL WLAN 1122	04	05	Australia RCM Taiwan NCC, BSMI
2702992	FL WLAN 1020	07	08	Australia RCM Brazil ANATEL Taiwan NCC, BSMI
2702993	FL WLAN 1021	06	07	Taiwan NCC, BSMI
1752493	FL WLAN 1022	05	06	Australia RCM Taiwan NCC, BSMI

All items will be shipped with FW 26.10

Example change of V/C on the packaging label

Current production state

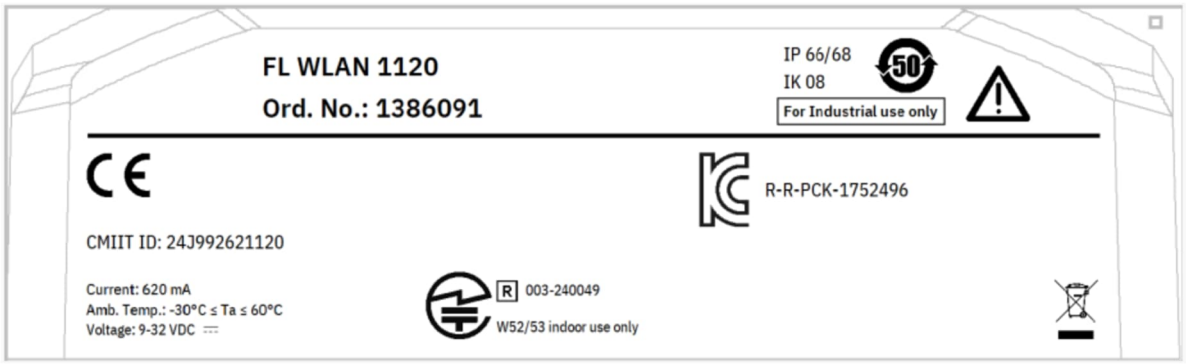


New production state

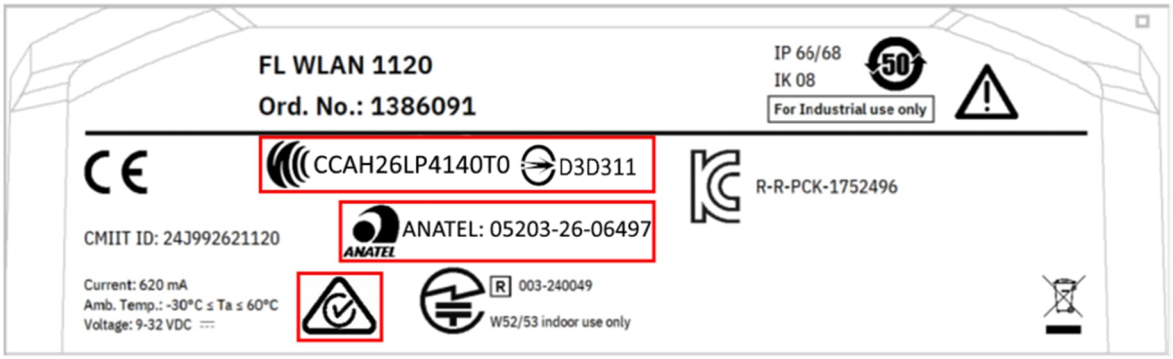


(Pictures similar)

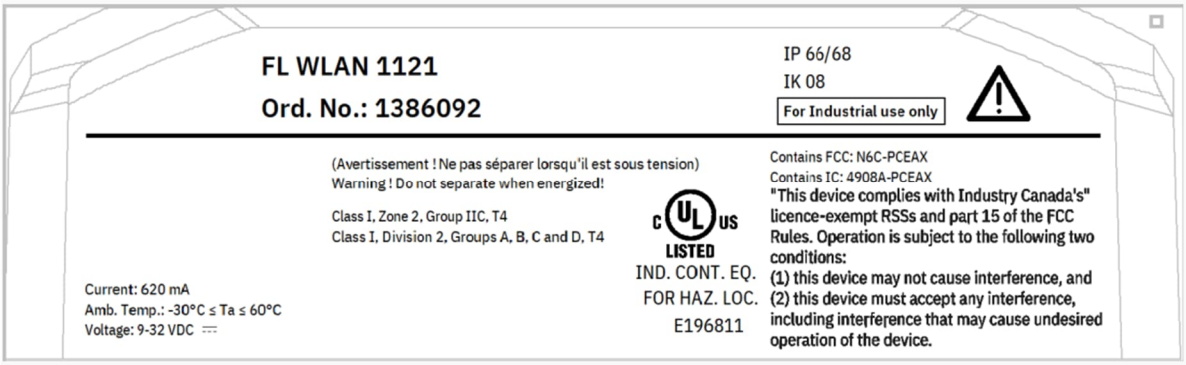
Added Wireless approvals



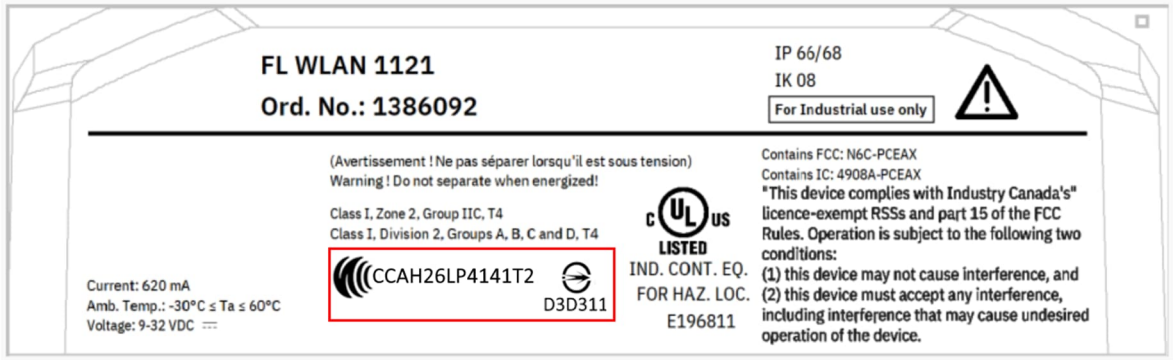
(Current Revision)



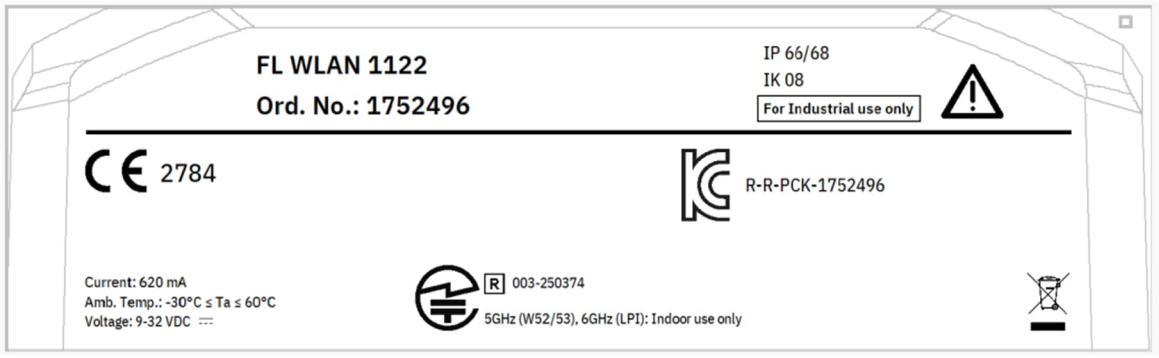
(New Revision, picture similar)



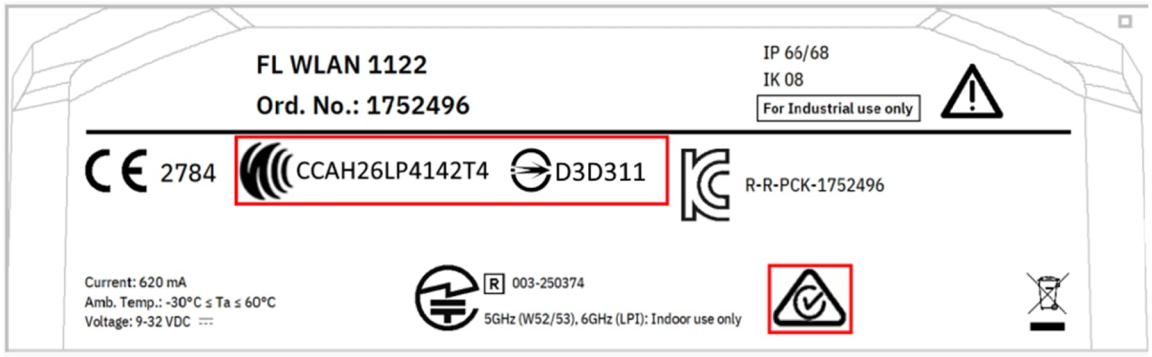
(Current Revision)



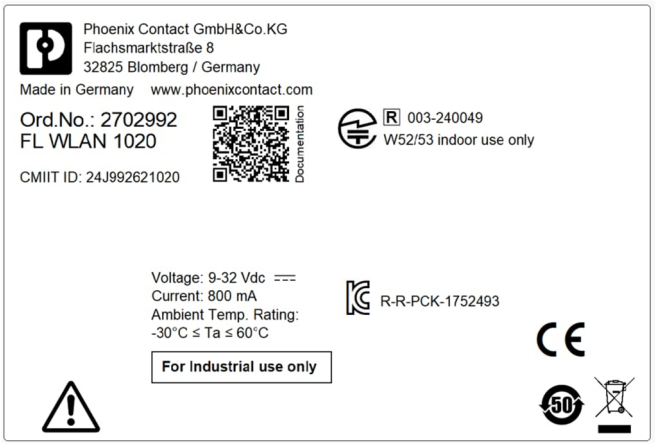
(New Revision, picture similar)



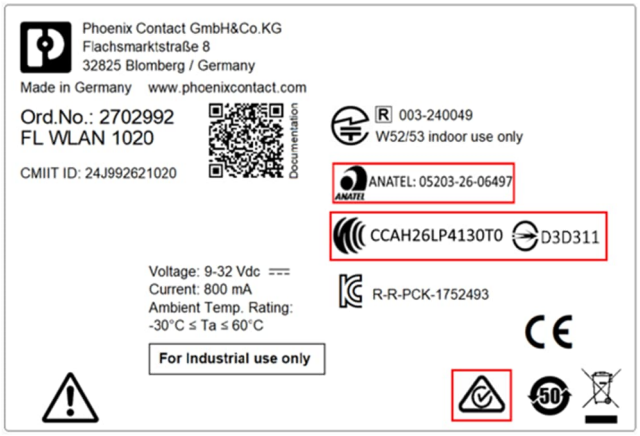
(Current Revision)



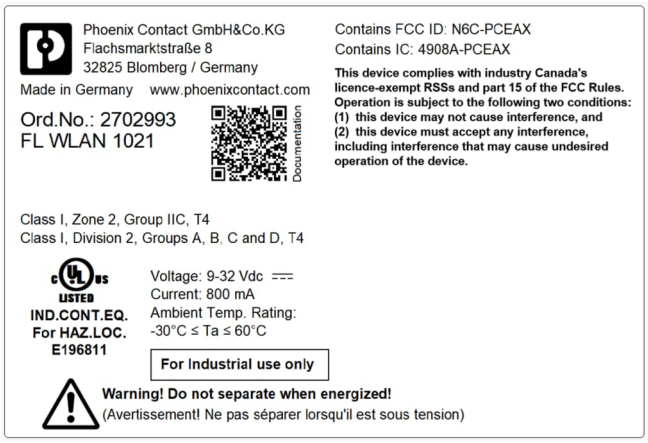
(New Revision, picture similar)



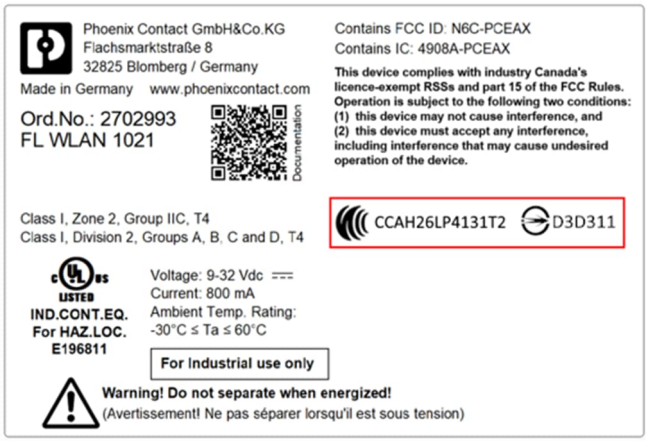
(Current Revision)



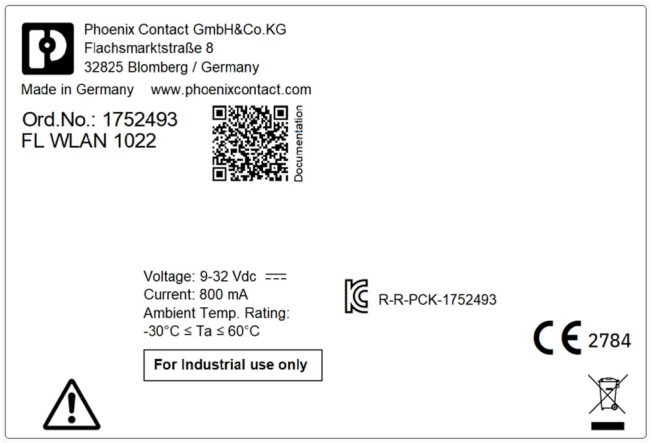
New Revision (picture similar)



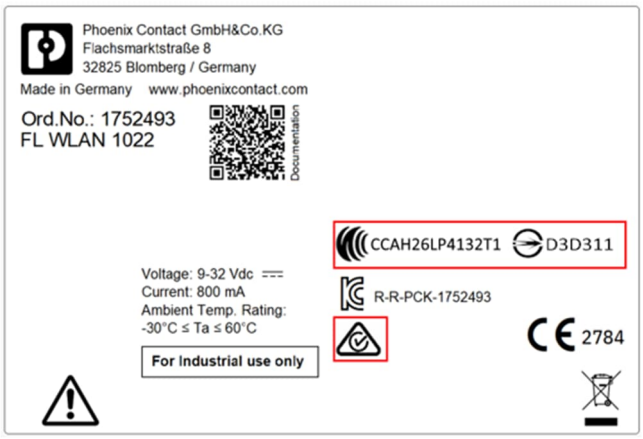
(Current Revision)



New Revision (picture similar)



(Current Revision)



New Revision (picture similar)

WLAN 102x/112x Series
Release Note



Firmware Revision 26.10

Item	Filename
Firmware	FL_WLAN_1x2x_v26.10.bin
MIB (Management Information Base)	FL-MGD-INFRASTRUCT-MIB.mi2
User Manual	um_en_sw_fl_wlan_112x_102x_110820_en_04.pdf um_en_hw_fl_wlan_112x_102x_110821_en_01.pdf

Firmware update / New Features
Please read the current user manual for additional information. A brief description of the new features can be found under “Release History” in this document. How to update the FW is described in the user manual.

Supported Hardware

Order Number	Article	
2702992	FL WLAN 1020	
2702993	FL WLAN 1021	
1386091	FL WLAN 1120	
1386092	FL WLAN 1121	
1752493	FL WLAN 1022	Devices support Wi-Fi 6E (6 GHz-Band) in Client and Soft AP Mode additionally
1752496	FL WLAN 1122	

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Release History

Firmware Revision	Description	Release Date
26.10	Tweaks • Triggered roaming now includes the destination channel • WIFI scanning interval reduced to change roaming time • WPA3-timing improved Fixes • Security updates Update OpenSSL to version 3.5.8	11/2026
26.06	Tweaks • New REST API objects for firmware and hardware version • Hint in WBM if WLAN-Interface is trying to be activated without defining SSID/encryption. Fixes • User authentication via Radius • Security updates Update OpenSSL due to CVE-2025-15467 and CVE-2025-69419 Update PHP component to version 8.2.31 Update of dropbear component 2026.91 (used for SSH connection) Update of lighttpd component to version 1.4.82	07/2026
26.02	New Features • In factory defaults the SSID & Password is empty. Both must be configured during initial configuration, before WLAN-Interface can be activated. This is due to security requirements. Tweaks • Procedure for “out of band roaming” on 6 GHz was changed. In FW 25.10 all channels have been scanned. Now PSC (Preferred Scan Channels) are used only. • If devices in the field with http configuration are updated with an "https-config file", the appropriate certificate is now generated automatically. • Default parameter for SSID and password changed to empty strings (Security Improvement) • QoS field in ETH-Header (VLAN-Tag) evaluation activated Fixes • Roaming with WPA3 does work now • DHCP offer forwarded to ethernet in MCB mode • automatic generation of certificate bundle improved	04/2026
25.10	Tweaks • REST-API Put-Method implemented	11/2025

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	• Improved transfer of configuration files from the Wi-Fi 4 device generation (device ID) • Roaming Scan sequence on 6 GHz changed. Previously it had been mainly RNR-Channels. Now all channels are Scanned. This contains an optimization to reduce scan time. • Security updates Fix reflected cross-site scripting vulnerabilities Fix possible DoS attack via SSH or WEB Security update for dropbear to 2025.88 Web Based Management: No default value for SSID and Password displayed. Fixes • Fix misleading ARP responses in NAT client mode	
25.06	New Features FL WLAN 1021 & FL WLAN 1121 only • Supports 6 GHz-Band (5925-7125 MHz) in Client Mode Tweaks In order to achieve CE conformity upon delivery by the manufacturer (from stock in Germany) from August 1, 2025, an adaptation to the current RED (Radio Equipment Directive) in accordance with EN 18031-1 is required. The effect on the WLAN devices is an adjustment of the default settings. The following adjustments have been made: • Factory-Default Parameter changed o WLAN-Interface disabled o SNMP disabled o Webserver/ WebUI HTTPS o REST-API HTTPS o CLI SSH • Password – Has to be changed during initial configuration (mandatory) following password rules • Security updates Security update for PHP to 8.2.28 OS command injection prevented Unauthorized file upload prevented Enumeration of user in CLI prevented Security Fix: The following characters are now disallowed for VLAN name and system use notification: • angle brackets: <> • back tick: ` • back slash: \ • semicolon: ;	07/2025

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	• pipe operator: | Customers which already use one of these characters in the VLAN name or system use notification must change these parameters. The implementation is not backwards compatible. Several security fixes Fixes • Fixed: Reduced data throughput in Client mode	
25.02	**NOTE: This FW- Revision contains a Bootloader-update. Device must not be disconnected from power supply during update!** Tweaks • Jitter/timing sufficient for Profinet communication use.	03/2025
24.10.00.336	**NOTE: This FW- Revision contains a Bootloader-update. Device must not be disconnected from power supply during update!** New Features • Parallel operation of virtual APs on 2.4 GHz and 5 GHz can be configured via CLI. • 6 GHz-functionality for FL WLAN 1022/1122 implemented. Tweaks • Jitter/timing improved. Fixes • Antenna Port configuration fixed	11/2024
24.06.00.231	**NOTE: This FW- Revision contains a Bootloader-update. Device must not be disconnected from power supply during update!** New Features • Fully Transparent Bridge (FTB) in Access Point Mode supported • Bootloader allows switching FW-Image Tweaks • Roaming behavior improved. • Typedef changes in REST-API o Enable/Disable -> true/false (Boolean) o Optimization of numeric variable types	07/2024

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24.02.00.83	Initial Firmware • This is a further development of the classic WLAN 1000/2000 Series-FW. It is to be used exclusively for the items mentioned above.	03/2024

Workaround

Issue	Workaround
• Country selection does not work for all countries, especially in Europe.	• Choose “Germany” a achieve correct settings for “Europe”.
• FL WLAN 1022/1122/1021/1121: 6 GHz can be configured on virtual interface “WLAN 1” only	-
• DHCP does not work in VxLAN-Mode.	
• In NAT mode: If “configuration via WLAN” is disabled, no address assignment via DHCP is possible	• Enable “config via WLAN”
• “Excessive Retries”- parameterization does not work	-
• Triggered Roaming does not work every time when Security is “Enhanced Open”	• Use any other Security setting for Triggered Roaming

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Item no.	Type	old	new	Substitute item	Replacement product designation	eCl@ss 13.0	
1386091	FL WLAN 1120	05	06			19170501	
2702992	FL WLAN 1020	07	08			19170501	
1752493	FL WLAN 1022	05	06			19170501	
1752496	FL WLAN 1122	04	05			19170501	
1386092	FL WLAN 1121	05	06			19170501	
2702993	FL WLAN 1021	06	07			19170501	