Moxa Inc.
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Product Change Notification – PCN #000600
09 Jan 2019

Dear Valued Customer:

The purpose of this letter is to inform you that Moxa is planning to implement changes to a product series. Please review the detailed information given below to determine how these changes will affect your products and/or processes. If you have any questions regarding these changes, please contact Zoe Chan.

Subject:

AWK-1131A: New default antenna, improved DIN-rail kit and rear case, new type of capacitors, and update to the product label.

Service Level: Basic

Effective Date: March, 2019

Model Names/ Current Version/ New Version:

Model Name	Current Version	New Version
AWK-1131A	V2.0.0	V2.2.0

Change Description:

1. New Default Antenna

In order to ensure a better user experience for its AWK series products, Moxa will offer a new default antenna, ANT-WDB-ARM-0202 with the AWK-1131A. A comparison of the new default antenna with the previous one is provided in the table below:

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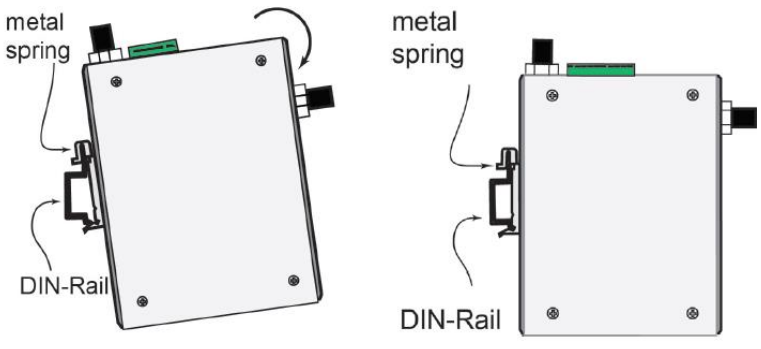
Antenna	ANT-WDB-ARM-0202 (New)	ANT-WDB-ARM-02
Type	Omni-directional	Omni-directional
Frequency	2.4 to 2.5 GHz/4.9 to 5.825 GHz	2.4 to 2.5 GHz/5.2 to 5.8 GHz
Gain	2 dBi/2 dBi	2 dBi/2 dBi
Return Loss	-16.5 to -50.2 dB	-7.5 to -14.1 dB
Radiation Efficiency	73% @2.4 GHz 75% @5 GHz	77% @2.4 GHz 60% @5 GHz
Connector	RP-SMA (male)	RP-SMA (male)

Since the antenna gain on the ANT-WDB-ARM-0202 is not higher than the ANT-WDB-ARM-02, the existing radio certifications are still valid. The ANT-WDB-ARM-0202 guarantees less radiation return loss and better radiation efficiency at 5 GHz frequency. For a detailed specification of the ANT-WDB-ARM-0202 antenna, visit: https://www.moxa.com/product/ANT-WDB-ARM-0202.htm

2. New DIN-rail Kit and Rear Case

The new default DIN-rail kit is designed for better usability and eases the removal of the AWK-1131A from a DIN rail. The new kit meets the IEC 60068-2-6 standard, ensuring vibration-proof installation of the AWK-1131A. To accommodate the location of the screws on the new DIN-rail kit, the rear case of the AWK-1131A has been modified; however, the form, fit, and function remain the same.

Installing and Removing the AWK-1131A Using the Current DIN-rail Kit



- To install the AWK-1131A, insert the top of the DIN rail into the slot just below the stiff metal spring, and push the device towards the DIN rail.
- To remove the AWK-1131A from the DIN rail, reverse the instructions above. However, removing the AWK-1131A from a DIN-rail is not always easy and may require some additional effort.

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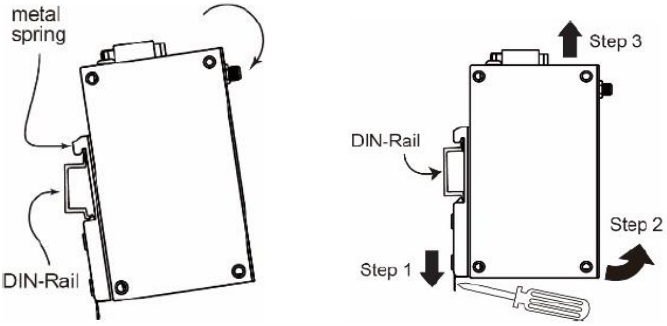
Installing and Removing the AWK-1131A Using the New DIN-rail Kit	
	• No change in the installation method; Insert the upper lip of the DIN-rail kit into the mounting rail, and press the AWK-1131A towards the mounting rail until it snaps into place. • The new DIN-rail kit is provided with a slider that makes removing the AWK-1131A from a DIN rail a lot easier as shown in the illustration. o STEP 1: Pull down the slider on the DIN-rail kit with a screwdriver. o STEP 2 & 3: Slightly pull the AWK-1131A forward and lift it up to remove it from the mounting rail.

3. Change in the Capacitor Type

Two electrolytic capacitors on the power board have been changed from liquid-electrolyte to solid-electrolyte capacitors to extend their lifespan; however, the functionality of the AWK-1131A is the same as the previous version.

4. New Label that Reflects Recently Acquired Industry Certifications

To service global sales, we have acquired additional certifications for the AWK-1131A that include ANATEL, KC, ICASA, ETA, IC, and CAN. An updated and larger product label contains logos for the newly acquired certifications.

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New Label	Current Label
	

Delivery Schedule:

Moxa will continue to supply the AWK-1131A V2.0.0 units and do a running change to phase in the AWK-1131A Series V2.2.0 units. The target launch date for the AWK-1131A V2.2.0 is currently set in March, 2019.

Note:

1. If you are using the AWK-1131A Series V2.0.0 and require additional units of the same, be sure to place your orders before March 1st, 2019. We cannot guarantee that sufficient supplies of AWK-1131A Series V2.0.0 will be available after this date.
2. The ANT-WDB-ARM-02 antenna is available to order separately: https://www.moxa.com/en/products/accessories/antennas/wlan-antennas/ant-wdb-arm-02-series

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Note: For questions, contact the Zoe Chan, zoeyt.chan@moxa.com or your regional sales contact.