

**Technical change to IE-SW-BL05-4GTPoE-series
(5-Port Gigabit Ethernet unmanaged Power over Ethernet Switches)**

Dear Madam or Sir,

the products listed below are subject to a product change and will be supplied in a modified revision. Please pass this product information on to your employees and, if needed, to your customers. All modifications mentioned have been made to support our ongoing commitment to continual improvement and ongoing product development.

1. Initial situation

Product revision change due to phase out of used switching chip and PoE-chipset.


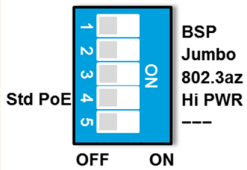
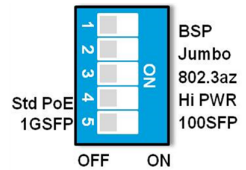
2. Technical changes**1.) Add 12 VDC input voltage**

Article name	Article number	Input voltage current version	Input voltage new version
IE-SW-BL05-1GT-4GTPOE	1504320000	24/48 VDC	12/24/48 VDC
IE-SW-BL05T-1GT-4GTPOE	1504340000	24/48 VDC	12/24/48 VDC
IE-SW-BL05-1GS-4GTPOE	1504360000	24/48 VDC	12/24/48 VDC
IE-SW-BL05T-1GS-4GTPOE	1504380000	24/48 VDC	12/24/48 VDC

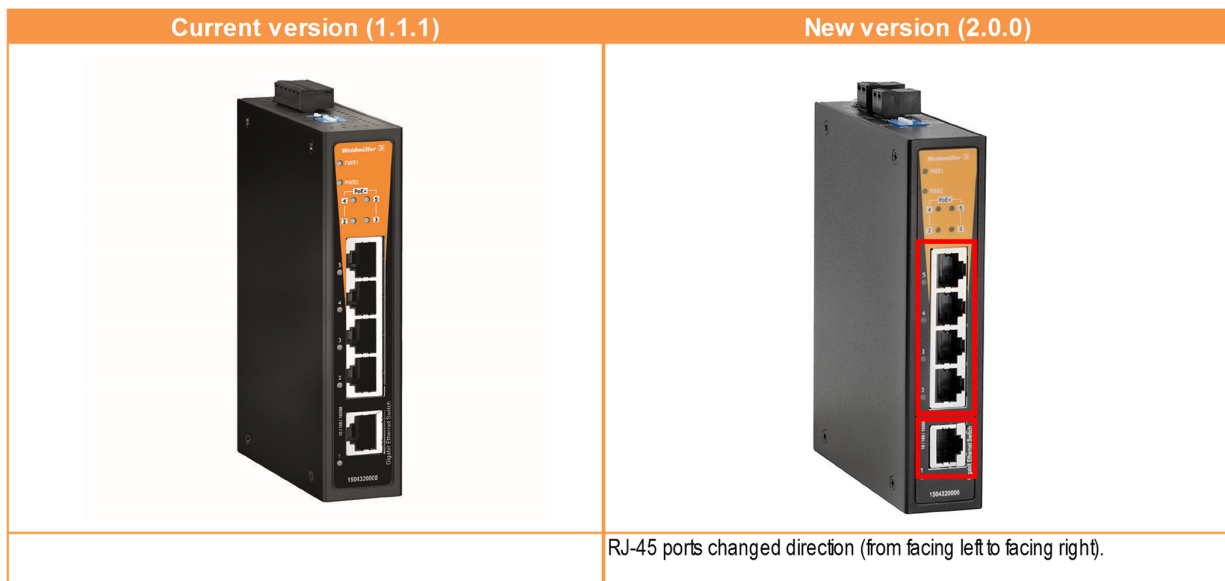
2.) Improvement of PoE-functionality

Changes	current version	new version
Power Budget	@ 24/48 VDC: max. 120 W for PD's total consumption	@ 12 VDC: max 62 W for PD's total consumption @ 24/48 VDC: max. 120 W for PD's total consumption
PoE LED Status	N/A	LED blinks amber if the connected PD does not get sufficient PoE power budget
PoE Power allocation priority, when over power budget	N/A	<ol style="list-style-type: none"> 1.) Allocation of PoE Power budget according to sequence of connecting the PDs to the PSE. 2.) If multiple PDs connected at the same time, the PoE-Switch will allocate power budget according to ascending port index (First: port 1, last: port 4) 3.) When a new PD is connected to the PoE-Port, the Switch will keep the reserved power budget for the already connected PD and allocate remaining power budget to a new connected PD if enough power budget is left. 4.) If the Switch does not have enough power left for a new connected PD, it will not supply the PD and will show an amber blinking PoE-LED for the respective port.

3.) DIP-switch Pin-quantity changed from 2-pin to 5-pin design due to feature extension Refer to below explanation for more details.

Current version (1.1.1)	New version (2.0.0)
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>IE-SW-BL05-1GT-4GTPOE (Copper Model)</p> </div> <div style="text-align: center;">  <p>IE-SW-BL05-1GS-4GTPOE (SFP Model)</p> </div> </div>
<p>2-Pin DIP Switch for:</p> <ul style="list-style-type: none"> - DIP-Switch 1: enabling/disabling Broadcast storm protection (BSP) - DIP-Switch 2: reserved for future use (----) 	<p>5-Pin DIP Switch for:</p> <ul style="list-style-type: none"> - DIP-Switch 1: enabling/disabling Broadcast storm protection (BSP) - DIP-Switch 2: enabling/disabling Jumbo frame support (Jumbo) - DIP-Switch 3: enabling/disabling IEEE 802.3az Energy Efficient Ethernet (802.3az) - DIP-Switch 4: switching between standard PoE and 36W high power PoE - DIP-Switch 5: reserved for future use (valid for 5x RJ-45 model) - DIP-Switch 5: switching between 1000BaseSFP and 100BaseSFP support (valid for SFP-model)

4.) Position of RJ-45 ports changed with new product version.
Refer to below figures for more details.



Besides the changes shown under section “Technical changes”, there are no other changes in the product’s form, fit or functionalities.

3. Reason for change

Phase out of switching chip and PoE-chipset.

4. Availability

From now. We perform a running change to phase in the new product versions. Therefore, availability of new product version depends on sales figures and stock level and thus may vary for the articles shown in table under section 5.

5. Affected parts

Article name	Article number	Current version	New version
IE-SW-BL05-1GT-4GTPOE	1504320000	1.1.1	2.0.0
IE-SW-BL05T-1GT-4GTPOE	1504340000	1.1.1	2.0.0
IE-SW-BL05-1GS-4GTPOE	1504360000	1.1.1	2.0.0
IE-SW-BL05T-1GS-4GTPOE	1504380000	1.1.1	2.0.0

Note: The product revision is shown on the box label and side label of the respective product.

6. Data

- PCN-number: PCN-PN48-20180917-01-A
- date of publishing: 17th September 2018
- revision number: A

We hope that the changes will benefit your business and will not affect you in any significant way and apologies in case of any inconvenience caused. Please rest assured that we will do everything possible to achieve this product change as smoothly as possible with minimum or no business disruption.

For further questions or if you need any additional assistance or information, please contact your local sales office directly. All contacts for sales representatives are available here: <http://www.weidmueller.com/contact>

Details of this and any other product changes can also be found on our web page by following the link shown below

<http://www.weidmueller.com/int/service/online-support-and-downloads/product-change-notification>

Best regards

Product Management

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Weidmüller – Your partner in Industrial Connectivity
We look forward to sharing ideas with you – **Let's connect.**