

Technical change to IE-SW-ELB-series (Ethernet unmanaged Switches of EcoLine series B)

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 hardware re-design.

2. Technical changes

1.) Increased MAC-table, packet buffer, QoS queues and operating temperature range.

Article name	Article number	MAC-table size	Packet buffer size	QoS priority queues	Operating temperature range
		HW-Rev. V1.0 / V2.0	HW-Rev. V1.0 / V2.0	HW-Rev. V1.0 / V2.0	HW-Rev. V1.0 / V2.0
IE-SW-ELB-05-5TX	2828540000	1K / 2K	448 Kbit / 768 Kbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C
IE-SW-ELB-08-8TX	2828550000	1K / 2K	448 Kbit / 768 Kbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C
IE-SW-ELB-08-6TX-2FESFP	2828600000	1K / 2K	448 Kbit / 768 Kbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C
IE-SW-ELB-05-5GT	2828560000	2K / 2K	1 Mbit / 1 Mbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C
IE-SW-ELB-08-8GT	2828570000	4K / 4K	1.5 Mbit / 1.5 Mbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C
IE-SW-ELB-16-16TX	2828580000	8K / 8K	4 Mbit / 4 Mbit	2 / 4	-10 °C...60 °C / -40 °C...75 °C



2.) Multicast filter function added.

Changes	HW-Rev. V1.0	HW-Rev. V2.0
Multicast Filtering	N/A	Enabling the QoS DIP switch will now also enable Multicast Filtering, which will block the MAC address within the range of 01-80-C2-00-00-02 to 01-80-C2-00-00-0F.

3.) MTBF values extended.

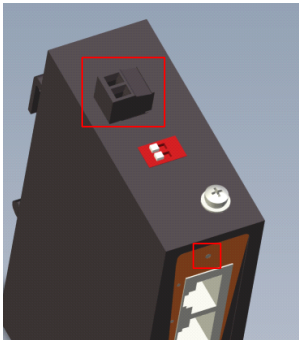
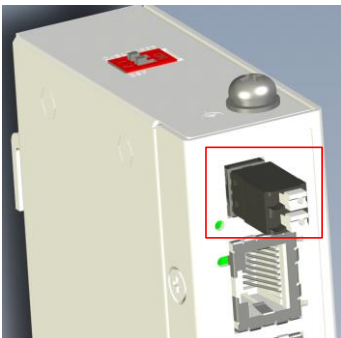
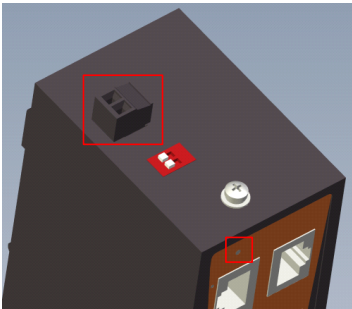
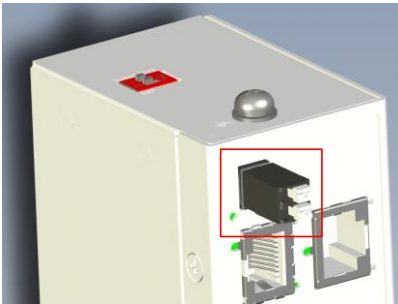

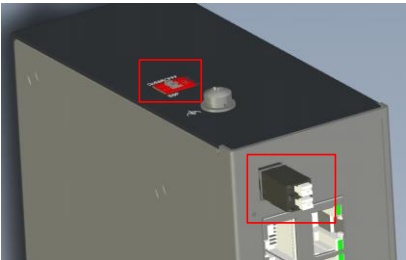
Article name	Article number	MTBF-Value (HW-Rev. V1.0)	MTBF-Value (HW-Rev. V2.0)
IE-SW-ELB-05-5TX	2828540000	488.236 hours	2.124.411,02 hours
IE-SW-ELB-08-8TX	2828550000	463.836 hours	1.798.754,94 hours
IE-SW-ELB-08-6TX-2FESFP	2828600000	435.270 hours	1.852.856,19 hours
IE-SW-ELB-05-5GT	2828560000	473.568 hours	2.815.267,24 hours
IE-SW-ELB-08-8GT	2828570000	443.524 hours	1.567.427,68 hours
IE-SW-ELB-16-16TX	2828580000	412.528 hours	1.197.919,69 hours

4.) Change of terminal block from screw connection to PUSH IN technology.

HW-Rev. V1.0	HW-Rev. V2.0
	

5.) Change of position for terminal block, DIP-Switch and PWR-LED.

Note: The housing color for HW-Rev. V2.0 will remain black. Same as for current HW-Rev. V1.0. The pictures shown for HW-Rev. V2.0 in table below, doesn't represent the final housing color.

	HW-Rev. V1.0	HW-Rev. V2.0
5-Port models		
8-Port models		
16-Port model		

6.) Improved Electromagnetic Compatibility (EMC).

HW-Rev. V1.0	HW-Rev. V2.0
IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV
IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m	IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m
IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV	IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV,
IEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kV	IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV
IEC 61000-4-6 CS: 3 Vrms	IEC 61000-4-6 CS: 10 Vrms

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

Hardware re-design.

4. Availability

From April 2026. 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-ELB-05-5TX	2828540000	V1.0	V2.0
IE-SW-ELB-08-8TX	2828550000	V1.0	V2.0
IE-SW-ELB-08-6TX-2FESFP	2828600000	V1.0	V2.0
IE-SW-ELB-05-5GT	2828560000	V1.0	V2.0
IE-SW-ELB-08-8GT	2828570000	V1.0	V2.0
IE-SW-ELB-16-16TX	2828580000	V1.0	V2.0

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

6. Data

- PCN-number: PCN-PN48-20251024-00-B
- date of publishing: 24th October 2025
- revision number: B

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

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26, 32758 Detmold, Germany

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