



Marine &amp; Offshore

Certificate number: 78679/A0 BV

File number: MPA2402781

Product code: 4502H

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**Weidmüller Interface GmbH & Co. KG**

Detmold - GERMANY

*for the type of product*

**NETWORK COMMUNICATION SYSTEMS**

BasicLine series B are industrial unmanaged switches

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 31B/41B, 33B/43B (see 4.3)

FOR information only

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 16 Jun 2030**

**For Bureau Veritas Marine & Offshore,**

At BV HAMBURG, on 16 Jun 2025

***This certificate was created electronically and is valid without signature***

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

The BasicLine series B are industrial unmanaged switches with copper ports and SFP slots (depends on model).

#### 1.1 Types:

Model Description	Order No.
IE-SW-BLB-05-5TX	2908030000
IE-SW-BLB-08-8TX	2908040000
IE-SW-BLB-16-16TX	2908050000
IE-SW-BLB-24-24TX	2908060000
IE-SW-BLB-08-8GT	2908080000
IE-SW-BLB-08-8GT-C	2908110000
IE-SW-BLB-05-4TX-1FESFP	2908140000
IE-SW-BLB-08-7TX-1FESFP	2908150000
IE-SW-BLB-08-6TX-2FESFP	2908160000
IE-SW-BLB-18-16TX-2GESFP	2908170000
IE-SW-BLB-05-4GT-1GESFP	2908180000
E-SW-BLB-10-8GT-2GESFP	2908190000

Rated input voltage range: 12 ... 48 V DC

Status relay: 24 V DC, 1 A (depends on model)

Degree of protection: IP 30

Mounting: DIN Rail, direct (with additional Wallmount-Kit)

DIP switches for activating Ethernet Features:

- Quality of Service (QoS)
- Broadcast Storm Protection (BSP)
- Energy Efficient Ethernet (EEE)
- MAC Frame Filter (MAC FF)
- Possibly PWR FLT 1 and 2
- Possibly speed settings for SFP-Ports

#### 1.2 Accessories:

Model Description	Order No.
IE-WALLMOUNT-KIT-MODEL-A	3032760000
IE-WALLMOUNT-KIT-MODEL-B	3032770000
IE-SFP-1GE-RJ45	2766120000
IE-SFP-1FE-MM-2	2682450000
IE-SFP-1FE-SM-30	2682460000
IE-SFP-1FE-SM-60	2682470000
IE-SFP-1GE-MM-05	2682480000
IE-SFP-1GE-MM-2	2682490000
IE-SFP-1GE-SM-10	2682500000
IE-SFP-1GE-SM-40	2682510000
IE-SFP-1GE-SM-10-BIDI-TX1310	2682520000
IE-SFP-1GE-SM-10-BIDI-TX1550	2682530000
IE-SFP-1GE-SM-20-BIDI-TX1310	2682540000
IE-SFP-1GE-SM-20-BIDI-TX1550	2682550000
IE-SFP-10GE-MM-03	2779110000
IE-SFP-10GE-SM-20	2779120000
IE-SFP-10GE-SM-40	2779130000

### 4. APPLICATION / LIMITATION:

4.1 - Bureau Veritas Rules for the Classification of Steel Ships

4.2 - Approval valid for ships intended to be granted with the following additional classnotations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - Bureau Veritas Environmental Category, **EC Code: 31B/41B** (DIN-Rail mounting), **33B/43B** (direct mounting)

4.4 - The equipment fulfils the EMC requirements for installation in General Power Distribution, Bridge and Deck Zone.

4.5 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev9.

4.6 - In accordance with IACS UR E22 and as applicable to programmable devices for computer based systems of Category II or III, for each ship application:

- Ship specific documentation is to be submitted including software documentation and categorization of the computer based system.

- Inspection and testing before installation onboard is to be performed under the surveillance of the Society.

4.7 - Hardware successfully tested together in compliance with the rules as referred to on page one, according to the declaration of the manufacturer, is covered by this certificate.

\*\*\* END OF CERTIFICATE \*\*\*

For information only