



TYPE APPROVAL CERTIFICATE
No. ELE283024XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Programmable logic controller
<i>Type</i>	Ethernet switches: V-Line
<i>Applicant</i>	WEIDMUELLER INTERFACE GMBH & CO. KG KLINGENBERGSTRASSE 26 32758 Detmold GERMANY
<i>Manufacturer</i>	WEIDMUELLER INTERFACE GMBH & CO. KG
<i>Place of manufacture</i>	KLINGENBERGSTRASSE 26 32758 Detmold GERMANY
<i>Reference standards</i>	Rules for the Classification of Ships - Part C - Machinery Systems and Fire Protection; Ch. 3; Sec. 8, Table 1

Issued in **HAMBURG** on **April 3, 2025**. *This Certificate is valid until* **April 2, 2030**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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Ethernet switches: V-Line

Product Description:

The V-Line switch series are unmanaged switches with copper ports and SFP slots (depends on model).

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-05-5GT	2908070000
IE-SW-BLB-08-8GT	2908080000
IE-SW-BLB-05-5GT-C	2908100000
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-2GESF P	2908170000
IE-SW-BLB-05-4GT-1GESFP	2908180000
IE-SW-BLB-10-8GT-2GESFP	2908190000

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

Input voltage range: 9,0 ... 62,4 V DC

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

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

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

Degree of protection: IP 30

Protection class III

Pollution degree 2



TYPE APPROVAL CERTIFICATENo. **ELE283024XG****Enclosure - Page 2 of 2**
Ethernet switches: V-Line**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

Compass Safe Distance according to IEC 60945:

Standard compass: 0.70 m

Steering compass: 0.50 m

Documents:

Instruction: -2978380000,00,05-2024,IS,IE-SW-BLB-10-8GT-2GESFP; 2978390000,00,05-2024,IS,IE-SW-BLB,6-8TX,0-2FESFP;
2978400000,00,05-2024,IS,IE-SW-BLB,4-5TX,0-1FESFP; 2978410000,00,05-2024,IS,IE-SW-BLB,05-5GT-X;
2978420000,00,05-2024,IS,IE-SW-BLB,16-24TX,0-2GESFP; 3024070000,00,06-2024,IS,IE-SW-BLB-05-4GT-1GESFP;
3024080000,00,06-2024,IS,IE-SW-BLB,16-14-16GT-X,0-2GESFP; 3098210000,00,06-2024,IS,IE-SW-BLB,08-8GT-X;

Test reports:

BSH: - CSD-Bescheinigung,1154,Weidmüller,IE-SW-BLB-xxxx,2024-08-01;

Remarks:

- The products fulfill EC-Code: 3b1, 3b3, 41, 43.

HAMBURG April 3, 2025