



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer **Weidmueller Interface GmbH & Co. KG**

Address Klingenbergstr. 26, Detmold, 32758, Germany

Type Control Units

Description V-Line Unmanaged Switch Series

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-2GESFP	2908170000
IE-SW-BLB-05-4GT-1GESFP	2908180000
IE-SW-BLB-10-8GT-2GESFP	2908190000

Accessories:

Model Description	Order No.
IE-WALLMOUNT-KIT-MODEL-A	3032760000
IE-WALLMOUNT-KIT-MODEL-B	3032770000

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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

Trade Name	V-Line Unmanaged Switch Series
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2024.
Specified Standard	Manufacturer's specification
Ratings	<div>Rated input voltage range: 12 ... 48 V DC</div> <div>Input voltage range: 9,0 ... 62,4 V DC</div> <div>Status relay: 24 V DC, 1 A (depends on model)</div> <div>DIP switches for activating Ethernet Features:</div> <div>Quality of Service (QoS)</div> <div>Broadcast Storm Protection (BSP)</div> <div>Energy Efficient Ethernet (EEE)</div> <div>MAC Frame Filter (MAC FF)</div>

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Possibly PWR FLT 1 and 2
Possibly speed settings for SFP-Ports

Additional Tests

Low temperature (-25°C/16h)
Compass Safe Distance acc. to IEC 60945
Standard compass: 0.70 m
Steering compass: 0.50 m

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document TSO-24-017649/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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