

**Industrial Ethernet
IE-SW-VL16T-16TX****Weidmüller Interface GmbH & Co. KG**

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The Value Line from Weidmüller consists of unmanaged and managed switches in a high-quality IP 30 protected metal housing. The equipment can be delivered with Fast Ethernet and Gigabit Ethernet ports. Value Line managed switches support a variety of helpful management functions, such as fast ring redundancy, port-based VLAN, QoS, RMON, bandwidth management, port mirroring and error notification via e-mail or a relay. The ring redundancy can be simply set via the web based management interface, or with a dip switch found on the top of the switch.

- Unmanaged Plug & Play switches in a high-quality metal housing (IP 30)
- Price-conscious middle-range
- Managed switches for the entry into a configurable network infrastructure
- Unmanaged full Gigabit switch with 8 ports
- Approvals: CE, FCC, cULus, Class I Div. 2 / ATEX, DNV / GL

General ordering data

Order No.	1286590000
Type	IE-SW-VL16T-16TX
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 16x RJ45, IP 30, -40 °C...+75 °C
GTIN (EAN)	4050118077414
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	80.5 mm	Height	135 mm
Depth	105 mm	Weight	1,140 g
Net weight	1,140 g		

Accessories

Accessories	Kit for 19"-rack mounting
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EMC conformity and approvals

EMC standards	FCC Part 15, CISPR (EN55022) Class A, EN 61000-4-2 (ESE), Stage 3, EN 61000-4-3 (RS), Stage 3, EN 61000-4-4 (EFT), Stage 3, EN 61000-4-5 (surge voltage), Stage 3, EN 61000-4-6 (CS), Stage 3	Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2, Ex nC IIC
Free fall	IEC 60068-2-32	Ship use	DNV, GL
Shock resistance IEC 60068-2-27	Available	Vibration resistance IEC 60068-2-6	Available

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	75 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Guarantee

Time interval	5 years
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Interfaces

DIP switch	Port surveillance, Broadcast storm protection enable/disable	LED indicator	PWR1, PWR2, FAULT, 10/100M (TP-Port)
Number of ports	16x RJ45	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Signalling contact	1 relay output with a current capacity of 1 A at 24 V DC		

MTBF

MTBF	257,000 h	MTBF	MIL-HDBK-217F, GB 25°C
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Power supply

Connection type	1 removable 6-pin terminal block	Current consumption	0.27 A at 24 V
Reverse polarity protection	Available	Supply voltage	12/24/48 V DC, 9.6 to 60 V DC, 2 redundant inputs
Turn-on current limit	1.6 A		

Switch characteristics

MAC table size	4 K	Packet buffer size	1.25 Mbit
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Technical data

Housing main material	metal	Protection degree	IP 30
Type of mounting	Mounting rail		

Technology

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control, Back pressure flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) und 100BaseFX, IEEE 802.3x for flow control		

Classifications

eClass 6.2	19-17-01-06	eClass 7.1	19-17-01-06
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Approvals

Approvals



ROHS Conform

Downloads

Declaration of Conformity [PDF/K419_01_13.pdf](#)
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