Industrial Ethernet
IE-SW-VL16T-14TX-2ST

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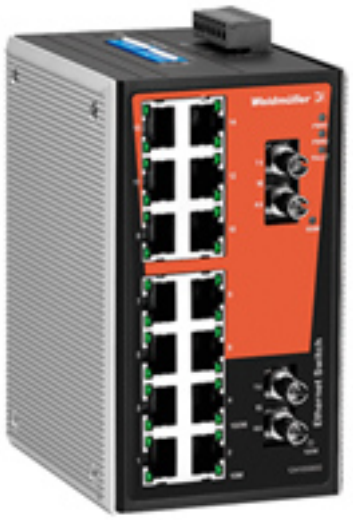

The Value Line from Weidmüller consists of unmanaged and managed switches in a high-quality IP 30 protected metal housing. The equipment can be delivered with Fast Ethernet and Gigabit Ethernet ports. Value Line managed switches support a variety of helpful management functions, such as fast ring redundancy, 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

Type	IE-SW-VL16T-14TX-2ST
Order No.	1286620000
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 14x RJ45, 2 * ST Multi-mode, IP 30, -40 °C...+75 °C
GTIN (EAN)	4050118077407
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

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

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		

Fibre optic 100BaseFX

Link budget multimode	12 dB	Max. TX multi-mode	-10 dBm
Min. TX multi-mode	-20 dBm	Receive sensitivity multi-mode	-32 dBm
System reserve multi-mode	-6 dBm	Typical distances multi-mode	5 km (50/125 µm multi-mode cable), 4 km (62.5/125 µm multi-mode cable)
Wavelength multi-mode	1,300 nm		

Guarantee

Time interval	5 years

Interfaces

DIP switch	Port surveillance, Broadcast storm protection enable/disable	Fibre-optic ports	100BaseFX ports (ST connector), Multimode
LED indicator	PWR1, PWR2, FAULT, 10/100M (TP-Port), 100M (Glasfaser-Port)	Number of ports	14x RJ45, 2 * ST Multi-mode
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 hrs	MTBF	MIL-HDBK-217F, GB 25°C

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Number of ports	14x RJ45, 2 * ST Multi-mode	Operating temperature	-40 °C...+75 °C

Power supply

Connection type	1 removable 6-pin terminal block	Current consumption	0.44 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

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

Approvals

Approvals	c UL us LISTED, CULUSEX, ATEX, DNV
ROHS	Conform

Downloads

Package insert	Hardware Installation Guide
Declaration of Conformity	K4190113.pdf
3D Modell	