

**Industrial Ethernet
IE-SW-VL08-8GT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Product image

- Wide ranges of variations with 5 to 16 ports
- Variations for Gigabit Ethernet
- Two redundant power inputs 12/24/48 V DC
- Models with copper and fibre-optic interface (multimode and singlemode)
- Extensive approvals: CE, FCC, cULus, Class I Div. 2 / ATEX Zone 2, DNV-GL

General ordering data

Type	IE-SW-VL08-8GT
Order No.	1241270000
Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 8 * RJ45 10/100/1000BaseT(X), IP30, -10 °C...60 °C
GTIN (EAN)	4050118029284
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	53.6 mm	Width (inches)	2.11 inch
Height	135 mm	Height (inches)	5.315 inch
Depth	105 mm	Depth (inches)	4.134 inch
Weight	630 g	Net weight	850 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

EMC conformity and approvals

EMC standards	EN 55032, EN 55024, CISPR 32, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 GHz: 10 V/m, IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV, IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV, IEC 61000-4-6 CS: 10 V, IEC 61000-4-8	Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2 Ex nA nC IIC T4 Gc
Free fall	according to IEC 60068-2-32	Security	UL508, EN60950-1
Ship use	DNV-GL	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6		

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	60 °C
Operating temperature, min.	-10 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Guarantee

Time interval 5 years

Interfaces

Alarm contact	1 relay output with a current capacity of 1 A at 24 V DC	DIP switch	Port surveillance, Broadcast storm protection enable/disable, Enable/disable jumbo frame support, Activate/deactivate IEEE 802.3az energy-efficient Ethernet
LED indicator	PWR1, PWR2, FAULT, 10/100/1000M	Number of ports	8 * RJ45 10/100/1000BaseT(X)
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full/half-duplex mode, Auto MDI/MDI-X port		

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Technical data
MTBF

MTBF	2,424,649 hrs	MTBF	Telcordia (Bellcore), GB
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Power supply

Connection type	1 removable 6-pin terminal block	Current consumption	0.32 A at 24 V
Reverse polarity protection	Available	Supply voltage, max	60 V DC
Supply voltage, min.	9.6 V DC	Voltage supply	12/24/48 V DC, 2 redundant inputs

Switch characteristics

Jumbo frame support	up to 9.6 KB	MAC table size	8 K
Packet buffer size	4,000 Kbit		

Technical data

Housing main material	metal	Protection degree	IP30
Type of mounting	Rail, Panel (with optional mounting kit)		

Technology

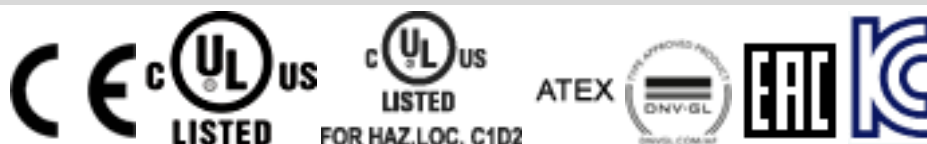
Data switching	Store and Forward	Flow control	IEEE 802.3x flow control, Back pressure flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) und 100BaseFX, IEEE 802.3ab for 1000BaseT(X), IEEE 802.3x for flow control, IEEE 802.3az Energy-Efficient Ethernet		

Classifications

ETIM 4.0	EC002598	ETIM 5.0	EC002598
ETIM 6.0	EC000734	eClass 6.2	19-17-01-06
eClass 7.1	19-17-01-06	eClass 8.1	19-17-01-06
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06

Approvals

Approvals



ROHS Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	CC-Link IE Field Certificate DNV-GL certificate EU Declaration of Conformity
Brochure/Catalogue	CAT 9 IETH 15/16 EN
Product Change Notification	Product Change Notification IE-SW-VL08-GT-series
User Documentation	Hardware Installation Guide