

IE-SW-VL08T-6GT-2GS

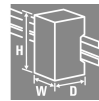
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
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Product image



CC-Link
IE
Field



- 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 (multi-mode and singlemode)
- Extensive approvals: CE, FCC, cULus, Class I Div. 2 / ATEX Zone 2, DNV-GL

General ordering data

Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 6 * RJ45 10/100/1000BaseT(X), 2 * combo-ports (10/100/1000BaseT(X) or 100/1000BaseSFP), IP30, -40 °C...75 °C
Order No.	1286870000
Type	IE-SW-VL08T-6GT-2GS
GTIN (EAN)	4050118077759
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2027-01-30T00:00:00+01:00
Alternative product	IE-SW-BLB-10-8GT-2GESFP

Creation date 24.02.2026 10:13:15 MEZ

Catalogue status / Drawings

IE-SW-VL08T-6GT-2GS

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

Dimensions and weights

Depth	105 mm	Depth (inches)	4.1338 inch
Height	135 mm	Height (inches)	5.3149 inch
Width	52.85 mm	Width (inches)	2.0807 inch
Net weight	630 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	9229992a-00b9-4096-8962-200a7f33e289

EMC conformity and approvals

Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2 Ex ec nC IIC T4 Gc, EN IEC 60079-0, EN IEC 60079-15, EN IEC 60079-7	Free fall	According to IEC 60068-2-32
EMC standards	EN 55032, EN 55035, EN 61000-6-4, EN 61000-6-2, 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 to 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	Vibration	according to IEC 60068-2-6
Shock	according to IEC 60068-2-27	Ship use	DNV
Safety standard	UL508, EN 60950-1		

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Environmental conditions

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

Guarantee

Time interval	5 years
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Interfaces

Fibre-optic ports	100/1000Base SFP Slot	RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Function DIP switch	Port surveillance, Broadcast storm protection enable/disable, Enable/disable jumbo frame support, Activate/deactivate IEEE 802.3az energy-efficient Ethernet	Alarm contact	1 relay output with a current capacity of 1 A at 24 V DC
Number of ports	6 * RJ45 10/100/1000BaseT(X), 2 * combo-ports (10/100/1000BaseT(X) or 100/1000BaseSFP)	Note	The SFP slot can only be used with Weidmüller SFP transceivers belonging to product group "SFP transceivers for use with switches of Basic-, Value- and PremiumLine". Third-party SFP transceivers are not accepted by the switch.
LED indicator	Power LED: PWR1, PWR2, FAULT, 10/100/1000M (TP-Port), 100/1000M (SFP-Port)		

MTBF

MTBF	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	2260195 h

Management features

Industrial protocol support	CC-Link IE Field
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Power supply

Reverse polarity protection	Available	
Supply voltage	12/24/48 V DC, 2 redundant inputs	
Current consumption	0.34 A at 24 V	
Connection type	1 removable 6-pin terminal block	
Voltage supply range	Voltage type	DC
	Voltage, min.	9.6 V
	Voltage, max.	60 V

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Switch characteristics

MAC table size	8 K	Packet buffer size	4000 kBit
Bandwidth backplane	16 Gbit/s	Jumbo frame support	up to 9.6 KB

Technical data

Housing main material	Metal	Type of mounting	DIN rail
Protection degree	IP30	Speed	Gigabit Ethernet
Switch	unmanaged		

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) and 100BaseFX, IEEE 802.3ab for 1000BaseT(X), IEEE 802.3z for 1000BaseX, IEEE 802.3x for flow control, IEEE 802.3az Energy-Efficient Ethernet		

Classifications

ETIM 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	EC000734	ECLASS 14.0	19-17-04-02
ECLASS 15.0	19-17-04-02		