

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 (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: 8 * RJ45 10/100/1000BaseT(X), IP30, -10 °C...60 °C
Order No.	<a href="#">1241270000</a>
Type	IE-SW-VL08-8GT
GTIN (EAN)	4050118029284
Qty.	1 pc(s).

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Depth	105 mm	Depth (inches)	4.134 inch
Height	135 mm	Height (inches)	5.315 inch
Width	52.85 mm	Width (inches)	2.081 inch
Net weight	850 g		

**Temperatures**

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

**EMC conformity and approvals**

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	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	Safety standard	UL508, EN 62368-1
Ship use	DNV	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
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## Technical data

## Interfaces

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

## MTBF

MTBF	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	2,398,736 h

## Management features

Industrial protocol support	CC-Link IE Field
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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	
Voltage supply	12/24/48 V DC, 2 redundant inputs	
Voltage supply range	Voltage type	DC
	Voltage, min.	9.6 V
	Voltage, max.	60 V

## Switch characteristics

Bandwidth backplane	16 Gbit/s	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
Speed	Gigabit Ethernet	Switch	unmanaged
Type of mounting	DIN 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), IEEE 802.3ab for 1000BaseT(X), IEEE 802.3x for flow control, IEEE 802.3az Energy-Efficient Ethernet		

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## Technical data

## Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	EC000734	ETIM 9.0	EC000734
ECLASS 9.0	19-17-01-06	ECLASS 9.1	19-17-01-06
ECLASS 10.0	19-17-04-02	ECLASS 11.0	19-17-04-02
ECLASS 12.0	19-17-04-02	ECLASS 13.0	19-17-04-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	9229992a-00b9-4096-8962-200a7f33e289

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">CC-Link IE Field Certificate</a> <a href="#">DNV certificate</a> <a href="#">ATEX certificate</a> <a href="#">KC certificate</a> <a href="#">EU Declaration of Conformity</a> <a href="#">UK Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Hardware Installation Guide</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Mounting kit for 19" rack assembly**

- For assembling DIN rail-based devices on 19" racks

**General ordering data**

Type	RM-KIT	Version
Order No.	<a href="#">1241440000</a>	Kit for 19"-rack mounting
GTIN (EAN)	4050118029154	
Qty.	1 pc(s).	

**Ethernet**

- Suitable for Cat. 5 (up to 100 MHz) and Cat. 6 (up to 250 MHz Class E)
- Suitable for PoE+ (according to IEEE 802.3at, IEEE 802.3bt Type 3 and 4)
- Protection of all wire pairs
- Connection via RJ45 sockets
- Metal housing

**General ordering data**

Type	VDATA CAT6	Version
Order No.	<a href="#">1348590000</a>	Terminal rail fixing, Surge protection, Cat.6, PoE, 802.3 bt at Type 1,
GTIN (EAN)	4050118153002	802.3 bt at Type 2, 802.3 bt at Type 3, 802.3 bt at Type 4
Qty.	1 pc(s).	