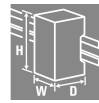


IE-SW-VL08T-8GT

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

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, -40 °C...75 °C |
| Order No. | 1286860000 |
| Type | IE-SW-VL08T-8GT |
| GTIN (EAN) | 4050118077803 |
| 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-08-8GT |

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 | 850 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 62368-1 | | |

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Technical data

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 |
|---------------|---------|

Interfaces

| | | | |
|---------------|--|---------------------|--|
| 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 | 8 * RJ45 10/100/1000BaseT(X) |
| LED indicator | Power LED: PWR1, PWR2, FAULT, 10/100/1000M | | |

MTBF

| | | |
|------|------------------------------|--------------------------|
| MTBF | According to Standard | Telcordia (Bellcore), GB |
| | Operating time (hours), min. | 2398736 h |

Management features

| | |
|-----------------------------|------------------|
| Industrial protocol support | CC-Link IE Field |
|-----------------------------|------------------|

Power supply

| | | |
|-----------------------------|-----------------------------------|-------|
| Reverse polarity protection | Available | |
| Supply voltage | 12/24/48 V DC, 2 redundant inputs | |
| Current consumption | 0.32 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 |

Switch characteristics

| | | | |
|---------------------|-----------|---------------------|--------------|
| MAC table size | 8 K | Packet buffer size | 1408 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 | | |

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Technical data

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 | | |

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 | | |