

**Industrial Ethernet
IE-SW-BL05-4GT-1GS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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Product image

- Variations with 5 or 8 ports
- Variations for Gigabit Ethernet
- Sturdy metal housing
- Compact design
- Two redundant power inputs 12/24/48 V DC
- Variations 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-BL05-4GT-1GS
Order No.	2435400000
Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 4 * RJ45 10/100/1000BaseT(X), 1 * combo-port (10/100/1000BaseT(X) or 100/1000BaseSFP), IP30, -10 °C...60 °C
GTIN (EAN)	4050118447224
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	29 mm	Width (inches)	1.142 inch
Height	135 mm	Height (inches)	5.315 inch
Depth	105 mm	Depth (inches)	4.134 inch
Weight	290 g	Net weight	422 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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
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Interfaces

Alarm contact		DIP switch	Port surveillance, Broadcast storm protection enable/disable, Enable/ disable jumbo frame support, Activate/ deactivate IEEE 802.3az energy-efficient Ethernet, Switching between 100BaseSFP and 1000BaseSFP on SFP port
	1 relay output with a current capacity of 1 A at 24 V DC		
Fibre-optic ports	100/1000Base SFP Slot	LED indicator	PWR1, PWR2, FAULT, 10/100/1000M
Number of ports	4 * RJ45 10/100/1000BaseT(X), 1 * combo-port (10/100/1000BaseT(X) or 100/1000BaseSFP)	RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half- duplex mode, Auto MDI/ MDI-X port

MTBF

MTBF	2,823,446 hrs	MTBF	Telcordia (Bellcore), GB
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Power supply

Connection type	1 removable 6-pin terminal block	Current consumption	0.16 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 10 KB	MAC table size	8 K
Packet buffer size	1,024 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 802.3z for 1000BaseX, IEEE 802.3x for flow control, IEEE 802.3az Energy-Efficient Ethernet		

Classifications

ETIM 6.0	EC000734	eClass 6.2	19-17-01-06
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06

Creation date February 26, 2019 2:58:37 PM CET

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Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CC-Link IE Field Certificate DNV-GL certificate EU Declaration of Conformity
Engineering Data	STEP
User Documentation	Hardware Installation Guide