

## Industrial Ethernet IE-SW-BL05-5TX

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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-BL05-5TX
Order No.	<a href="#">1240840000</a>
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP30, -10 °C...60 °C
GTIN (EAN)	4050118028737
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	30 mm	Width (inches)	1.181 inch
Height	115 mm	Height (inches)	4.528 inch
Depth	70 mm	Depth (inches)	2.756 inch
Weight	175 g	Net weight	175 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: 1 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 IIC T4 Gc
Free fall	according to IEC 60068-2-32	Security	UL508
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**

DIP switch	1x for enabling/disabling the broadcast storm protection	LED indicator	PWR1, PWR2, 10/100M (TP-Port)
Number of ports	5x RJ45	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port

**MTBF**

MTBF	3,040,784 hrs	MTBF	Telcordia (Bellcore), GB
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**Technical data****Power supply**

Connection type	1 removable 4-pin terminal block	Current consumption	0.1 A at 24 V
Overload current protection	1.1 A	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**

MAC table size	1 K	Packet buffer size	512 Kbit
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**Technical data**

Housing main material	Aluminium	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), IEEE 802.3x for flow control		

**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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DNV-GL certificate</a> <a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">Product Change Notification IE-SW-BL05-series</a>
User Documentation	<a href="#">Hardware Installation Guide</a>

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