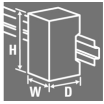


IE-SW-BL05-5TX



General ordering data

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP30, -10 °C...60 °C
Order No.	1240840000
Type	IE-SW-BL05-5TX
GTIN (EAN)	4050118028737
Qty.	1 pc(s).

Dimensions and weights

Depth	70 mm
Depth (inches)	2.756 inch
Height	115 mm
Height (inches)	4.528 inch
Width	30 mm
Width (inches)	1.181 inch
Net weight	175 g

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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SCIP	9229992a-00b9-4096-8962-200a7f33e289	
RoHS Compliance Status	Compliant with exemption	
RoHS Exemption (if applicable/known)	7a, 7cl	
EMC conformity and approvals		
EMC standards	EN 55032, EN 55035, 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 - 6 GHz: 10 V/m, IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV, IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV, IEC 61000-4-6 CS: 10 V, IEC 61000-4-8 PFMF: 100A/m	
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	
Safety standard	UL508	
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	
Interfaces		
Function 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	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	3.040.784 h

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
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	1 Gbit/s
MAC table size	1 K
Packet buffer size	448 kBit

Technical data

Housing main material	Aluminium
Protection degree	IP30
Speed	Fast Ethernet
Switch	unmanaged
Type of mounting	DIN 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

Downloads

Approval/Certificate/Document of Conformity	<u>DNV certificate</u> <u>ATEX certificate</u> <u>KC certificate</u> <u>EU Declaration of Conformity</u> <u>UK Declaration of Conformity</u>
Engineering Data	<u>CAD data -- STEP</u>
Eplan Data Portal	<u>Eplan data</u>
CADENAS eCATALOG	<u>CAX data</u>
Product Change Notification	<u>Product Change Notification IE-SW-BL05-series</u>
User Documentation	<u>Hardware Installation Guide</u>
Catalogues	<u>Catalogues in PDF-format</u>

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
ECLASS 14.0	19-17-04-02

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Certificate no. (cULusEX) E223527

Related products:



Order No.: 1240850000

Type: IE-SW-BL05T-5TX

Version:

Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP30, -40 °C...75 °C

[PDF data sheet](#)
[Add to Inquiry List](#)



Order No.: 2435400000

Type: IE-SW-BL05-4GT-1GS

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

[PDF data sheet](#)
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Order No.: 2435410000
Type: IE-SW-BL05T-4GT-1GS

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, -40 °C...75 °C
[PDF data sheet](#)
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Order No.: 1240890000
Type: IE-SW-BL05-4TX-1SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
SC Multi-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
[Add to Inquiry List](#)



Order No.: 1286550000
Type: IE-SW-BL05T-4TX-1SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
SC Multi-mode,
IP30, -40 °C...75 °C
[PDF data sheet](#)
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Order No.: 1240880000
Type: IE-SW-BL05-4TX-1ST

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
ST Multi-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1286540000
Type: IE-SW-BL05T-4TX-1ST

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
ST Multi-mode,
IP30, -40 °C...75 °C
[PDF data sheet](#)
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Order No.: 1240870000
Type: IE-SW-BL05-4TX-1SCS

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
SC Single-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1286530000
Type: IE-SW-BL05T-4TX-1SCS

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 4 x RJ45, 1 *
SC Single-mode,
IP30, -40 °C...75 °C
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Order No.: 1240900000
Type: IE-SW-BL08-8TX

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 8x RJ45,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1286560000
Type: IE-SW-BL08T-8TX

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 8x RJ45,
IP30, -40 °C...75 °C
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Order No.: 1240910000
Type: IE-SW-BL08-6TX-2SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
SC Multi-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1240920000
Type: IE-SW-BL08T-6TX-2SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
SC Multi-mode,
IP30, -40 °C...75 °C
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Order No.: 1240930000
Type: IE-SW-BL08-6TX-2ST

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
ST Multi-mode,
IP30, -10 °C...60 °C
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Order No.: 1286570000
Type: IE-SW-BL08T-6TX-2ST

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
ST Multi-mode,
IP30, -40 °C...75 °C
[PDF data sheet](#)
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Order No.: 1412110000
Type: IE-SW-BL08-6TX-2SCS

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
SC Single-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1412120000
Type: IE-SW-BL08T-6TX-2SCS

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 6x RJ45, 2 *
SC Single-mode,
IP30, -40 °C...75 °C
[PDF data sheet](#)
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Order No.: 1412070000
Type: IE-SW-BL08-7TX-1SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 7x RJ45, 1 *
SC Multi-mode,
IP30, -10 °C...60 °C
[PDF data sheet](#)
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Order No.: 1412080000
Type: IE-SW-BL08T-7TX-1SC

Version:
Network switch,
unmanaged, Fast
Ethernet, Number of
ports: 7x RJ45, 1 *
SC Multi-mode,
IP30, -40 °C...75 °C
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