

IE-SW-ELB-05-4TX-1FESFP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Our unmanaged switches provide a simple and reliable solution for expanding your network. These plug-and-play devices are ideal for small to medium-sized networks that do not require complex configuration.

Easy Installation: Unmanaged switches are ready to use immediately. Just plug them in, and your network is expanded.

Reliable Performance: They offer stable data transmission and support speeds from Fast Ethernet to Gigabit Ethernet.

Robust Design: Built for durability, our switches are perfect for long-term use in various environments.

General ordering data

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 4x RJ45, 1x 100BaseSFP slot, IP40, -10 °C...60 °C
Order No.	2828590000
Type	IE-SW-ELB-05-4TX-1FESFP
GTIN (EAN)	4064675369950
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-10-30T00:00:00+01:00
Alternative product	IE-SW-BLB-05-4TX-1FESFP

IE-SW-ELB-05-4TX-1FESFP

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Depth	64 mm	Depth (inches)	2.5197 inch
Height	103 mm	Height (inches)	4.0551 inch
Width	26 mm	Width (inches)	1.0236 inch
Net weight	130 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-10 °C...60 °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	95f06c58-199a-4ab7-817c-c2503ba62133

EMC conformity and approvals

Free fall	According to IEC 60068-2-31	EMC standards	EN 55032, EN 55024, CISPR 32, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 GHz: 3 V/m, IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV, IEC 61000-4-5 Surge: Power: 0.5 kV; Signal: 1 kV, IEC 61000-4-6 CS: 3 Vrms, IEC 61000-4-8
Vibration	according to IEC 60068-2-6	Shock	according to IEC 60068-2-27
Safety standard	UL 61010-1, UL 61010-2-201		

Environmental conditions

Operating temperature, max.	60 °C		
Operating temperature, min.	-10 °C		
Humidity	5 to 95 % (non-condensing)		
Storage temperature, max.	85 °C		
Storage temperature, min.	-40 °C		
Operating altitude	Altitude, max.	2000 m	
	Note	in acc. with UL	

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Guarantee

Time interval	5 years
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Interfaces

Fibre-optic ports	100BaseSFP-Slot	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Function DIP switch	1x for enabling QoS (according to IEEE 802.1p), 1x for enabling/disabling the broadcast storm protection	Number of ports	4x RJ45, 1x 100BaseSFP slot
LED indicator	Power LED: PWR, Port LED: LNK/ACT, 10/100M (RJ45 port), 100M (SFP-Port)		

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	463236 h

Management features

Network traffic filter	Quality of Service (QoS), Class of Service (CoS)	Industrial protocol support	PROFINET device acc. to conformance class A
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Power supply

Reverse polarity protection	Yes	
Supply voltage	12/24/48 V DC, 24 V AC, 1 single input	
Overload current protection	Yes	
Connection type	1 removable 2-pin terminal block	
Voltage supply range	Voltage type	DC
	Voltage, min.	9.6 V
	Voltage, max.	60 V
	Voltage type	AC
	Voltage, min.	18 V
	Voltage, max.	36 V
Current consumption	Voltage	24 V
	Current	0.17 A

Switch characteristics

Priority queues	2	MAC table size	1 K
Packet buffer size	448 kBit	Bandwidth backplane	1 Gbit/s

Technical data

Housing main material	Metal	Type of mounting	DIN rail
Protection degree	IP40	Speed	Fast Ethernet
Switch	unmanaged		

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www.weidmueller.com**Technical data****Technology**

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control
Standard	IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX and 100BASE-FX, IEEE 802.3x for flow control, IEEE 802.1p for Class of Service / Quality of Service (CoS/QoS)		

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		