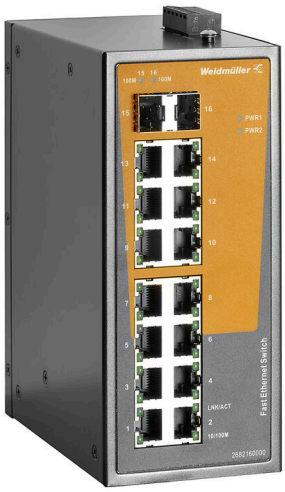
Data sheet

IE-SW-EL16-14TX-2FESFP

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

www.weidmueller.com

Do not use product for new developments, This Product will be discontinued soon



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: 14x RJ45, 2x Slots 100BaseSFP, IP30, -40 °C...75 °C
Order No.	2682160000
Type	IE-SW-EL16-14TX-2FESFP
GTIN (EAN)	4050118692556
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-11-29T00:00:00+01:00
Alternative product	IE-SW-BLB-18-16TX-2GESFP

IE-SW-EL16-14TX-2FESFP

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

Dimensions and weights

Depth	140 mm	Depth (inches)	5.5118 inch
Height	170 mm	Height (inches)	6.6929 inch
Width	74 mm	Width (inches)	2.9134 inch
Net weight	1140 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, 7cI
REACH SVHC	Lead 7439-92-1, Lead monoxide 1317-36-8
SCIP	9229992a-00b9-4096-8962-200a7f33e289

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
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.	75 °C	
Operating temperature, min.	-40 °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
	Altitude, max.	6000 m

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	Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads	

Guarantee

Time interval	5 years		

Interfaces

Fibre-optic ports	100BaseSFP-Slot	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Number of ports	14x RJ45, 2x Slots 100BaseSFP	LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100M (RJ45 port), 100M (SFP-Port)

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	719800 h

Power supply

Reverse polarity protection	Yes	
Supply voltage	12/24/48 V DC, 2 redundant inputs	
Overload current protection	Yes	
Connection type	1 removable 6-pin terminal block	
Voltage supply range	Voltage type	DC
	Voltage, min.	10.8 V
	Voltage, max.	52.8 V
Current consumption	Voltage	24 V
	Current	0.34 A

Switch characteristics

MAC table size	4 K	Packet buffer size	2.75 Mbit
Bandwidth backplane	3.2 Gbit/s		

Technical data

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

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		

Classifications

ETIM 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	EC000734	ECLASS 14.0	19-17-04-02

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Technical data

ECLASS 15.0	19-17-04-02