

**Industrial Ethernet
IE-SW-EL24-24TX**

Weidmüller Interface GmbH & Co. KG
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**Features of EcoLine unmanaged Switch series**

- Huge variety of port count and media type enable a wide range of applications (5 to 24 ports)
- Models supporting Gigabit Ethernet including Jumbo Frame support for applications with high demand on bandwidth and latency
- Suitable for use in harsh industrial environment thanks to rugged design and wide operating temperature range of -40°C up to 75°C
- Reliable operation due to redundant voltage inputs, fault relay and LED diagnostics

General ordering data

Type	IE-SW-EL24-24TX
Order No.	2682190000
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 24x RJ45, IP30, -40 °C...75 °C
GTIN (EAN)	4050118692525
Qty.	1 pc(s).

Creation date May 1, 2020 5:12:21 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	96.4 mm	Width (inches)	3.795 inch
Height	108.5 mm	Height (inches)	4.272 inch
Depth	154 mm	Depth (inches)	6.063 inch
Net weight	1,052 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: 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	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6	Free fall	According to IEC 60068-2-31

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	75 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Guarantee

Time interval 5 years

Interfaces

LED indicator	Power LED: PWR1, PWR2, Port LED: Link/ACT, FDX (RJ45 port)	Number of ports	24x RJ45
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	Signalling contact	1 relay output with a current capacity of 1 A at 24 V DC

MTBF

MTBF 959,803 hrs Database Telcordia SR332

Power supply

Connection type	1 removable 6-pin terminal block		
Current consumption	Voltage	24 V DC	
	Current	0.39 A	
Overload current protection	Yes		

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Data sheet

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Technical data

Reverse polarity protection	Yes		
Voltage supply	24 V DC, 2 redundant inputs		
Voltage supply range	Voltage type	DC	
	Voltage, min.	12 V	
	Voltage, max.	48 V	

Switch characteristics

Bandwidth backplane	4.8 Gbps	MAC table size	8 K
Packet buffer size	1 Mbit		

Technical data

Housing main material	metal	Protection degree	IP30
Type of mounting	DIN rail		

Technology

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X), IEEE 802.3x for flow control		

Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06
eClass 10.0	19-17-04-02		

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
User Documentation	Hardware Installation Guide