

## IE-SW-EL08-8TX

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

www.weidmueller.com



### 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

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 8x RJ45, IP30, -40 °C...75 °C
Order No.	<a href="#">2682140000</a>
Type	IE-SW-EL08-8TX
GTIN (EAN)	4050118692570
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform  
 UL File Number Search [UL Website](#)  
 Certificate no. (cULus) E141197

### Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	95 mm	Height (inches)	3.7401 inch
Width	41 mm	Width (inches)	1.6142 inch
Net weight	350 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, 7cl
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, 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.	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	

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Altitude, max.	6000 m
Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads

## Guarantee

Time interval	5 years
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## Interfaces

RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	Number of ports	8x RJ45
LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100M (RJ45 port)		

## MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	1390019 h

## Power supply

Reverse polarity protection	Yes	
Supply voltage	12/24/48 V DC, 24 V AC, 2 redundant inputs	
Overload current protection	Yes	
Connection type	1 removable 4-pin terminal block	
Voltage supply range	Voltage type	DC
	Voltage, min.	10.8 V
	Voltage, max.	52.8 V
	Voltage type	AC
	Voltage, min.	18 V
	Voltage, max.	36 V
Current consumption	Voltage	24 V
	Current	0.14 A

## Switch characteristics

MAC table size	1 K	Packet buffer size	448 kbit
Bandwidth backplane	1.6 Gbit/s		

## Technical data

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

## Technology

Data switching Standard	Store and Forward IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX, IEEE 802.3x for flow control	Flow control	IEEE 802.3x flow control
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**Technical data**

**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		

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## Accessories

### Mounting kit for 19" rack assembly

- For assembling DIN rail-based devices on 19" racks



### General ordering data

Type	RM-KIT	Version	
Order No.	<a href="#">1241440000</a>	Kit for 19"-rack mounting	
GTIN (EAN)	4050118029154		
Qty.	1 ST		