

IE-SW-EL08-8TX**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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.	2682140000
Type	IE-SW-EL08-8TX
GTIN (EAN)	4050118692570
Qty.	1 pc(s).

IE-SW-EL08-8TX

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	95 mm	Height (inches)	3.74 inch
Width	41 mm	Width (inches)	1.614 inch
Net weight	540 g		

Temperatures

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

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	Free fall	
Safety standard	UL 61010-1, UL 61010-2-201	Shock	According to IEC 60068-2-31 according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6		

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating altitude	≤ 2000 m
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: LNK/ACT, 10/100M (RJ45 port)	Number of ports	8x RJ45
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

IE-SW-EL08-8TX

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

Technical data

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	1,390,019 h

Power supply

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

Switch characteristics

Bandwidth backplane	1.6 Gbps	MAC table size	1 K
Packet buffer size	448 kbit		

Technical data

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

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, IEEE 802.3x for flow control		

Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

IE-SW-EL08-8TX

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of
Conformity

[KC certificate](#)
[EU Declaration of Conformity](#)
[RCM Declaration of Conformity](#)
[UK Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Hardware Installation Guide](#)

Catalogues

[Catalogues in PDF-format](#)