

**IE-SW-EL08-6TX-2SC****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: 6x RJ45, 2x SC Multi-mode, IP30, -40 °C...75 °C
Order No.	<a href="#">2682170000</a>
Type	IE-SW-EL08-6TX-2SC
GTIN (EAN)	4050118692549
Qty.	1 pc(s).

Creation date October 11, 2021 8:03:21 AM CEST

Catalogue status 27.09.2021 / We reserve the right to make technical changes.

## IE-SW-EL08-6TX-2SC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	84 mm	Depth (inches)	3.307 inch
Height	115 mm	Height (inches)	4.528 inch
Width	41 mm	Width (inches)	1.614 inch
Net weight	520 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	According to IEC 60068-2-31
Safety standard	UL 61010-1, UL 61010-2-201	Shock	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

## Fibre optic transceiver characteristics

Transmission rate	100 Mbps	
Transceiver type	Multimode	
Connector type	SC-Duplex	
Transmission distance, typ.	2 km	
Wavelength	typ.	1,310 nm
Receive power	min.	-31 dBm
	max.	0 dBm
Transmission power	min.	-23.5 dBm
	max.	-14 dBm
Link-budget	7.5 dB	

## IE-SW-EL08-6TX-2SC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Guarantee

Time interval	5 years
---------------	---------

## Interfaces

Fibre-optic ports	100BaseFX ports (SC connector), Multimode	LED indicator	Power LED: PWR, Port LED: LNK/ACT, 10/100M (RJ45 port), 100M (fibre-optic port).
Number of ports	6x RJ45, 2x SC Multimode	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port

## MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	1,218,117 h

## Power supply

Connection type	1 removable 3-pole 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		
Voltage supply range	Voltage type	DC	
	Voltage, min.	10 V	
	Voltage, max.	30 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 Standard	Store and Forward IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX and 100BASE-FX, IEEE 802.3x for flow control	Flow control	IEEE 802.3x 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		

Creation date October 11, 2021 8:03:21 AM CEST

Catalogue status 27.09.2021 / We reserve the right to make technical changes.

## IE-SW-EL08-6TX-2SC

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">KC certificate</a> <a href="#">EU Declaration of Conformity</a> <a href="#">RCM Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Hardware Installation Guide</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>