

**Industrial Ethernet
IE-SW-EL05-5TX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	IE-SW-EL05-5TX
Order No.	2682130000
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP30, -40 °C...75 °C
GTIN (EAN)	4050118692587
Qty.	1 pc(s).

**Industrial Ethernet
IE-SW-EL05-5TX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	26.1 mm	Width (inches)	1.028 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	70 mm	Depth (inches)	2.756 inch
Net weight	205 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	Safety standard	UL 61010-1, UL 61010-2-201
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: LNK/ACT, 10/100M (RJ45 port)	Number of ports	5x RJ45
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

MTBF

MTBF 2,638,236 hrs Database Telcordia SR332

Power supply

Connection type	1 removable 4-pin terminal block		
Current consumption	Voltage	24 V DC	
	Current	0.1 A	

Creation date May 1, 2020 5:13:06 PM CEST

Data sheet

**Industrial Ethernet
IE-SW-EL05-5TX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

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 Gbps	MAC table size	1 K
Packet buffer size	448 kbit		

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

Approvals			
ROHS	Conform		

Downloads

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