

## IE-SW-EL05-5GT

**Weidmüller Interfaces 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

Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 5x RJ45, IP30, -40 °C...75 °C
Order No.	<a href="#">2682210000</a>
Type	IE-SW-EL05-5GT
GTIN (EAN)	4050118692501
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	70 mm	Depth (inches)	2.756 inch
Height	95 mm	Height (inches)	3.74 inch
Width	26.1 mm	Width (inches)	1.028 inch
Net weight	335 g		

## Temperatures

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

## 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	Altitude, max.	2,000 m	
	Note	in acc. with UL	
	Altitude, max.	6,000 m	
	Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads	
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
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5x RJ45

## Technical data

## Interfaces

LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100/1000M (RJ45 port)	Number of ports	5x RJ45
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half- duplex mode, Auto MDI/ MDI-X port		

## MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	2,556,319 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	12/24/48 V DC, 2 redundant inputs		
Voltage supply range	Voltage type	DC	
	Voltage, min.	10.8 V	
	Voltage, max.	52.8 V	

## Switch characteristics

Bandwidth backplane	10 Gbit/s	Jumbo frame support	up to 9.72 KB
MAC table size	4 K	Packet buffer size	1 Mbit

## Technical data

Housing main material	Metal	Protection degree	IP30
Speed	Gigabit 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, IEEE 802.3ab for 1000BASE-T, IEEE 802.3x for flow control	Flow control	IEEE 802.3x flow control
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## 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

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**Technical data**

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1	
SCIP	9229992a-00b9-4096-8962-200a7f33e289	

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	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> <a href="#">UK Declaration of Conformity</a> <a href="#">Manufacturer's declaration for operating altitude</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Hardware Installation Guide</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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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 pc(s).	