

**IE-SW-EL05-5GT****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, 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 items

## IE-SW-EL05-5GT

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197

### Dimensions and weights

Depth	70 mm	Depth (inches)	2.7559 inch
Height	95 mm	Height (inches)	3.7401 inch
Width	26.1 mm	Width (inches)	1.0276 inch
Net weight	235 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
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
	Altitude, max.	6000 m

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Note

for restrictions, see the manufacturer's declaration for operating altitude in section downloads

### Guarantee

Time interval 5 years

### Interfaces

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

### MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	2556319 h

### Power supply

Reverse polarity protection	Yes		
Supply voltage	12/24/48 V DC, 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	
Current consumption	Voltage	24 V	
	Current	0.14 A	

### Switch characteristics

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

### Technical data

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

### 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 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	EC000734	ECLASS 14.0	19-17-04-02

**Technical data**

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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		