

IE-SW-EL08-8GT**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germanywww.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: 8x RJ45, IP30, -40 °C...75 °C
Order No.	2682230000
Type	IE-SW-EL08-8GT
GTIN (EAN)	4050118692488
Qty.	1 ST

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Depth	94.9 mm	Depth (inches)	3.7362 inch
Height	144.3 mm	Height (inches)	5.6811 inch
Width	26.1 mm	Width (inches)	1.0276 inch
Net weight	425 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	Function DIP switch	2x for enabling/disabling power fault alarm via relay
Signalling contact	1 relay output with a current capacity of 1 A at 24 V DC	Number of ports	8x 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.	926332 h

Power supply

Reverse polarity protection	Yes	
Voltage supply	12/24/48 V DC, 2 redundant inputs	
Overload current protection	Yes	
Connection type	1 removable 6-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	0.2 A

Switch characteristics

MAC table size	4 K	Packet buffer size	1.5 Mbit
Bandwidth backplane	16 Gbit/s	Jumbo frame support	up to 9216 Bytes

Technical data

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

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 802.3ab for 1000BASE-T, IEEE 802.3x for flow control		

Technical data**Classifications**

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	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
ECLASS 13.0	19-17-04-02	ECLASS 14.0	19-17-04-02
ECLASS 15.0	19-17-04-02		

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www.weidmueller.com**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.	1241440000	Kit for 19"-rack mounting	
GTIN (EAN)	4050118029154		
Qty.	1 ST		