

IE-SW-EL08-8GT**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: 8x RJ45, IP30, -40 °C...75 °C
Order No.	2682230000
Type	IE-SW-EL08-8GT
GTIN (EAN)	4050118692488
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	94.9 mm	Depth (inches)	3.736 inch
Height	144.3 mm	Height (inches)	5.681 inch
Width	26.1 mm	Width (inches)	1.028 inch
Net weight	500 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	SCIP	9229992a-00b9-4096-8962-200a7f3
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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	
Safety standard	UL 61010-1, UL 61010-2-201	Shock	According to IEC 60068-2-31 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

Guarantee

Time interval	5 years
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Interfaces

Function DIP switch	2x for enabling/disabling power fault alarm via relay	LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100/1000M (RJ45 port)
Number of ports	8x RJ45	RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Signalling contact	1 relay output with a current capacity of 1 A at 24 V DC		

Creation date September 18, 2022 1:20:42 AM CEST

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MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	926,332 h

Power supply

Connection type	1 removable 6-pin terminal block	
Current consumption	Voltage	24 V DC
	Current	0.2 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	16 Gbps	Jumbo frame support	up to 9216 Bytes
MAC table size	4 K	Packet buffer size	1.5 Mbit

Technical data

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

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		

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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Technical data

Downloads

Approval/Certificate/Document of Conformity	KC certificate
	EU Declaration of Conformity
	RCM Declaration of Conformity
	UK Declaration of Conformity
	Manufacturer's declaration for operating altitude
Engineering Data	CAD data – STEP
User Documentation	Hardware Installation Guide
Catalogues	Catalogues in PDF-format

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