

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.	2682210000
Type	IE-SW-EL05-5GT
GTIN (EAN)	4050118692501
Qty.	1 Stück

Erstellungs-Datum May 26, 2023 3:07:30 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

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	235 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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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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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	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