

**Industrial Ethernet
IE-SW-PL06M-2TX-4POE****Weidmüller Interface GmbH & Co. KG**

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- 4 IEEE 802.3af/at-compliant PoE ports
- up to 30 W per PoE port
- 24/48 V DC redundant wide-range power supply
- advanced PoE management functions, including PD error checking and PoE scheduling

General ordering data

Type	IE-SW-PL06M-2TX-4POE
Order No.	1241390000
Version	Network switch, managed PoE, Fast Ethernet, Number of ports: 2 * RJ45 10/100 BaseT(X), 4 * RJ45 10/100 BaseT(X) PoE+, IP30, 0 °C...60 °C
GTIN (EAN)	4050118029161
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	80 mm	Width (inches)	3.15 inch
Height	135 mm	Height (inches)	5.315 inch
Depth	131.5 mm	Depth (inches)	5.177 inch
Weight	1,270 g	Net weight	1,270 g

EMC conformity and approvals

EMC standards	FCC Part 15, CISPR (EN55022) Class A, EN 61000-4-2 (ESD), Stage 3, EN 61000-4-3 (RS), Stage 3, EN 61000-4-4 (EFT), Stage 3, EN 61000-4-5 (surge voltage), Stage 3, EN 61000-4-6 (CS), Stage 3, EN 61000-4-8	Free fall	
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	60 °C
Operating temperature, min.	0 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Guarantee

Time interval	5 years
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Interfaces

Alarm contact	2 relay outputs with a current capacity of 1 A at 24 V DC	Console port interface	RS-232
DIP switch	Turbo-Ring, Master, Coupler, Reserve	Digital inputs	2 inputs with the same ground, isolated • +13 To +30 V for logic "1" • -30 To +3 V for logic "0" • Max. input current: 8 mA
LED indicator	PWR1, PWR2, FAULT, 10/100M, MSTR/HEAD, CPLR/TAIL, PoE	Number of ports	2 * RJ45 10/100 BaseT(X), 4 * RJ45 10/100 BaseT(X) PoE+
PoE pin assignment	V-, V-, V+, V+ for pin 1, 2, 3, 6 (endspan, MDI-X alternative A)	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port

MTBF

MTBF	433,000 hrs	MTBF	Telcordia (Bellcore), GB
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Power supply

Connection type	2 removable 6-pin terminal blocks	Current consumption	Max 7.8 A at 24 V DC (supports up to 4 ports at 30 watts per PoE port)
Overload current protection	Existing	Reverse polarity protection	Available
Supply voltage	24/48 V DC, 20 to 60 V DC, 2 redundant inputs		

Switch characteristics

IGMP-Groups	256	MAC table size	8 K
Max. number of available VLANs	64	Packet buffer size	1 MBit
Priority queues	4	VLAN-ID max	4,094
VLAN-ID min	1		

Technical data

Housing main material	metal	Protection degree	IP30
Type of mounting	Mounting rail		

Technology

Flow control	IEEE 802.3x flow control, Back pressure flow control	MIB	MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1, 2, 3, 9
Protocol	IGMPv1/v2, GMRP, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, DHCP option 66/67/82, BootP, TFTP, SNMP, SMTP, RARP, RMON, HTTP, HTTPS, Telnet, SSH, Syslog, Modbus/TCP, SNMP Inform, LLDP, IEEE 1588 PTP, IPv6	Standard	IEEE 802.3at/af for Power-over-Ethernet, IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) und 100BaseFX, IEEE 802.3x for flow control, IEEE 802.1D for the Spanning Tree protocol, IEEE 802.1w for Rapid STP, IEEE 802.1Q for VLAN tagging, IEEE 802.1p for Class of Service, IEEE 802.1X for authentication, IEEE 802.3ad for port trunk with LACP

Classifications

ETIM 4.0	EC002598	ETIM 5.0	EC002598
eClass 6.2	19-17-01-06	eClass 7.1	19-17-01-06
eClass 8.1	19-17-01-06	eClass 9.0	19-17-01-06

Approvals

Approvals



ROHS

Conform

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Downloads

Approval/Certificate/Document of Conformity	DE_PN4800_160418_003.pdf
Brochure/Catalogue	CAT 9 IETH 15/16 EN
Software	SNMP MIB file Managed Switch Configuration Utility Version 2.6.6
User Documentation	Hardware Installation Guide Manual