IE-SW-BL05-5TX

FEATURES

Weidmüller's Basic Line consists of unmanaged Plug & Play switches in a robust IP 30 protected aluminium housing. The devices are available with Fast Ethernet and Gigabit Ethernet ports. They offer a cost-effective solution for industrial Ethernet networks. One variety is fitted with Fast Ethernet and Power-over-Ethernet ports. All devices have been developed for use in harsh industrial environments and have international approvals such as CE, cULus, Class I Div. 2 /Atex and DNV/ GL and therefore able to be used in many applications internationally.

CHARACTERISTICS

- Plug & Play switches in a rugged aluminium housing
- Compact design
- Switches for an economical entry solution
- Fast Ethernet versions with 5 and 8 ports
- Models with copper or fibre optic interface (multi-mode and single mode)
- Full Gigabit Plug and Play switch with 5 ports
- Power over Ethernet (PoE) Switch with 6 Fast Ethernet ports, 4 of them PoE+ ports
- Approvals: CE, FCC, cULus, Class I Div. 2 / ATEX, DNV / GL

DIMENSIONS

Length	70mm	Width	30mm
Height	115mm	Weight	175g

ACCESSORIES

Accessories	Kit for 19"-rack mounting

GUARANTEE

Time Interval	5 years

GENERAL ORDERING DATA

Order No.	1240840000
Type	IE-SW-BL05-5TX
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP 30, -10 °C...+60 °C
GTIN (EAN)	4050118028737
Qty.	1pc(s).

IE-SW-BL05-5TX

APPROVALS

EMC standards	FCC Part 15, CISPR (EN55022) Class A, EN61000-4-2 (ESE), Stage 3, EN61000-4-3 (RS), Stage 3, EN61000-4-4 (EFT), Stage 3, EN61000-4-5 (Surge voltage), Stage 3, EN61000-4-6 (CS), Stage 3, EN61000-4-8, EN61000-4-11	**Ship use**	DNV, GL
		Vibration resistance IEC 60068-2-6	Available
		Explosive risk zone	-UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2, Ex nC IIC
		Security	UL508
Free fall	IEC 60068-2-32	**Shock resistance IEC 60068-2-27**	Available

BASIC OPERATION

ENVIRONMENTAL CONDITIONS

Connection type	1 removable 4-pin terminal block	**Humidity**	5 to 95% (non-condensing)

INTERFACES

DIP switch	Broadcast storm protection enable/disable	**LED indicator**	Versorgung, 10/100M (TP-Port)
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

MTBF

ORDER DATA

MTBF	425,000 h	**Number of ports**	5x RJ45
MTBF	Telcordia (Bellcore), GB	**Operating temperature**	-10 °C...+60 °C

POWER SUPPLY

Connection type	E1 removable 4-pin terminal block	**Current consumption**	0.1 A at 24 V
Reverse polarity protection	Available	**Supply voltage**	12/24/48 V DC, 9.6 to 60 V DC, 18 bis 30 VAC, 47 to 63 Hz, 2 redundant inputs
Turn-on current limit	1.1 A		

SWITCH CHARACTERISTICS

MAC table size	1 K	**Packet buffer size**	512 Kbit

TECHNICAL DATA

Housing main material	Aluminium	**Protection degree**	IP 30
Type of mounting	Mounting rail		

TECHNOLOGY

Data switching	Store and Forward	**Flow Control**	IEEE 802.3x flow control, Back pressure flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) and 100BaseFX, IEEE 802.3x or flow control		

CLASSIFICATIONS

ETIM 4.0	EC002598	**eClass 6.0**	19-17-01-06
eClass 7.0	19170106		

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