Data sheet

IE-SW-BI-04-4TX-HV

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Our unmanaged switches provide a simple and reliable solution for expanding your network. These plug-and-play devices are ideal for small to medium-sized networks that do not require complex configuration.
Easy Installation: Unmanaged switches are ready to use immediately. Just plug them in, and your network is expanded.
Reliable Performance: They offer stable data transmission and support speeds from Fast Ethernet to Gigabit Ethernet.
Robust Design: Built for durability, our switches are perfect for long-term use in various environments.

General ordering data

Version	Network switch, Fast Ethernet, Number of ports: 4x RJ45, IP30, -25 °C...55 °C
Order No.	3195570000
Type	IE-SW-BI-04-4TX-HV
GTIN (EAN)	4099987983518
Qty.	1 items

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Technical data

Dimensions and weights

Depth	72.9 mm	Depth (inches)	2.8701 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	53.8 mm	Width (inches)	2.1181 inch
Length	53.8 mm	Length (inches)	2.1181 inch
Net weight	112 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...55 °C
Humidity	0...95 % (no condensation)		

EMC conformity and approvals

Free fall	According to IEC 60068-2-31	EMC standards	EN 61000-6-2, EN 61000-6-3, EN 61000-3-3
Vibration	according to IEC 61131-2	Shock	according to IEC 61131-2
Safety standard	IEC 61010-1, IEC 61010-2-201		

Environmental conditions

Operating temperature, max.	55 °C	Operating temperature, min.	-25 °C
Humidity	0...95 % (no condensation)	Storage temperature, max.	70 °C
Storage temperature, min.	-25 °C		

Fibre optic transceiver characteristics

Connector type	RJ45

Guarantee

Time interval	5 years

Interfaces

Ethernet ports	4	RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port
Number of ports	4x RJ45	LED indicator	Power LED: PWR, Port LED: LNK/ACT, 10/100M (RJ45 port)

Power supply

Reverse polarity protection	Yes	
Power consumption	ca. 1 W	
Overload current protection	Yes	
Connection type	1 removable 2-pin terminal block	
Current consumption	Voltage	230 V
	Current	4.3 mA
	Voltage type	AC

Switch characteristics

MAC table size	2 K	Bandwidth backplane	800 Mbit/s

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Housing main material	Plastic	Type of mounting	DIN rail
Protection degree	IP30	Speed	Fast 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 802.3x for flow control		

Classifications

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

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Accessories

6kV Patchcords extra slim white and orange



Pre-assembled cables with 2x RJ45 in IP20, suitable for smart metering applications, Cat.6 Microline - extra thin (AWG30), unshielded, for tight spaces, other colors on request

General ordering data

Type	IE-C6NO8LW0005S40S40-WC...	Version
Order No.	3195150005	Patch cable Mircoline, RJ45 IP 20, RJ45 IP 20, Cat. 6, LSZH, 0.5 m, ,
GTIN (EAN)	4099987982962	straight, 6 kV
Qty.	30 ST	

BLF 5.08HC/90 SN



Just as reliable as the millionfold proven original and featuring innovative details:
The BLF 5.08HC PUSH IN version of the BLZP 5.08HC female connector is not only different in terms of connection system; it also has a more compact design. Weidmüller's innovative PUSH IN spring connection system stands for the future of easy and tool-free wire connection. HC = High Current.
In terms of versatility, the BLF 5.08HC offers just as much as the version which served as a model:

- 3 tested-and-proven wire outlet directions provide the usual flexibility for application-specific design
- 4 flange variations and the patented release latch allow the locking concept to be based on the requirements of the user
- Use the BLF 5.08HC and SL 5.08HC plug combination to reach the max. rated specifications

General ordering data

Type	BLF 5.08HC/03/90 SN OR ...	Version
Order No.	2766910000	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 3,
GTIN (EAN)	4064675022527	90°, PUSH IN with actuator, Clamping range, max. : 3.31 mm², Box
Qty.	120 ST	