Product Data Sheet

Industrial 10-/100-Mbps Ethernet Switches, 5- and 8-Port

LBH3050A

LBH3080A

OVERVIEW

The Industrial 10-/100-Mbps Ethernet Switches, 5- and 8-Port are unmanaged switches. They are enclosed in a compact metal housing and operate in temperature ranges from -40 to +167° F (-40 to +75° C).

FEATURES

- Provides five or eight Fast Ethernet ports with auto MDI/MDI-X.
- Supports 10/100 Mbps autonegotiation.
- Features broadcast storm protection.
- Mounts on a DIN rail or wall.
- Supports redundant 12 to 48 VDC power input and P-Fail relay.
- Operates in a wide temperature range (-40 to +167°F [-40 to +75° C]).

SPECIFICATIONS

Certifications	Safety:
	    LBH3050A: UL, cUL 60950;
	    LBH3080A: UL/cUL 60950 Class I, Division 2, Groups A, B, C aand D
	EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A;
	EMS: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8,
	    Shock: IEC 60068-2-27,
	    Freefall: IEC 60068-2-32,
	    Vibration: IEC 600068-2-6

Connectors	LBH3050A: (5) RJ-45, (1) 6-pin removable screw terminal (power and relay); LBH3080A: (8) RJ-45, (1) 6-pin removable screw terminal (power and relay)

Enclosure	IP30, metal with solid mounting kits:
	    DIN railmount kit is attached to switch;
	    Wallmount kit contains (2) brackets and (2) screws

Environmental	Operating Temperature: -40 to +167° F (-40 to +75° C); Storage Temperature: -40 to +185° F (-40 to +85° C); Operating Humidity: 10 to 95% noncondensing; Storage Humidity: 10 to 95% noncondensing

Indicators	LBH3050A:
	    Per unit: (3) LEDs: P1, P2, P-Fail:
	    Per port: LEDs: 10/100BASE-T(X), Link/Activity, Duplex/Collision
	LBH3080A:
	    Per unit: (3) LEDs: P1, P2, P-Fail:
	    Per port: LEDs: 10/100BASE-T(X), Link/Activity, Duplex/Collision

MTBF	LBH3050A: 412,590 hours; LBH3080A: 388,566 hours
Protection	Reverse Polarity: Present; Overload Current: Present
Standards	IEEE 802.3, 802.3u, 802.3x
Transmission Distance	Up to 328 feet (100 m)
Transmission Speed	Up to 100 Mbps

Power	Input: 12 to 48 VDC redundant;
	Fault Output: (1) relay;
	Consumption:
	    LBH3050A: 2.88 Watts;
	    LBH3080A: 4.71 Watts

Dimensions	LBH3050A: 4.72"H x 1.18"W x 3.74"D (12 x 3 x 9.5 cm); LBH3080A: 5.51"H x 1.18"W x 3.74"D (14 x 3 x 9.5 cm)
Weight	LBH3050A: 0.876 lb (0.396 kg); LBH3080A: 1 lb. (0.45 kg)

ORDERING INFORMATION

Item	Code
Industrial 10-/100-Mbps Ethernet Switches, Unmanaged	
5-Port	**LBH3050A**
8-Port	**LBH3080A**

DISCLAIMER

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Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.