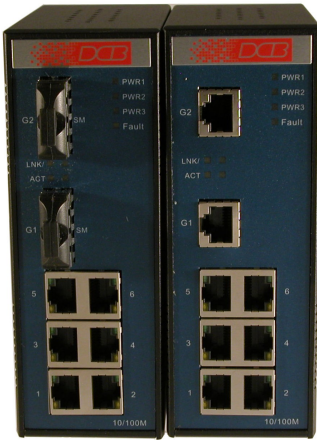




HES8 Industrial Temperature Rated Ethernet Switch



HES8 Switches with Fiber and Copper 1000BaseT

FEATURES

- **Industrial temperature rated -40 to +75C**
- **RoHS compliant**
- **Unmanaged**
- **AC and DC power supply options**
- **2 - 10/1000BaseT Ethernet ports, either copper, single mode or multimode**
- **6 - 10/100BaseT Ethernet ports (RJ45)**
- **Dual fiber ports are ideal for daisy-chaining**
- **Auto speed sensing**
- **Auto MDI/MDI-X cable crossover sensing**
- **Supports 1536 byte VLAN packets**
- **Supports full and half duplex ethernet**
- **Redundant DC power inputs**
- **Compact size, stand-alone, din rail or wall mounting**

Connect your Ethernet devices in hostile (hot and cold) environments. Easy to use with auto-negotiation of speed, full/half duplex, crossover or straight through cable sensing.

Call DCB... 1-800-432-2638

DESCRIPTION

The HES8 switches are 8 port Ethernet switches, temperature rated for use from -40 to +75C. The switches have power supply options for 110 or 220 VAC, and 3 input power jacks. Two jacks are for 12 to 48 VDC input, the other jack for 12 to 45 VDC input. The unit is supplied with a 120 VAC wall mount supply. 125 VDC supplies are also available. The temperature range and voltage options make the HES8 ideal switches for industrial applications.

The HES8 has 2 - gigabit ethernet ports and 6 - 10/100BaseT ethernet ports. The gigabit ports are available in single mode fiber, multimode fiber, or copper. The HSW-08 is capable of wire speed transmission. It supports 8,000 MAC address, address learning, address aging and address migration. The HES8 supports 1536 byte frames for passing VLAN tags.

The HES8 has 2 LEDs for each port to indicate connection, speed, and activity, 3 power LEDs (one for each power input) and a power fault LED. There is also a power alarm output relay.

Applications for the HES8:

- Utilities – substations, pole-top
- Gas and oil production, pipelines
- Industrial locations
- Use with DCB EtherPoll for mixed serial polling and ethernet

HSW-08 Industrial Temperature Rated Ethernet Switch

SPECIFICATIONS

General

- 2 – gigabit ports, copper, single or multimode fiber
- 6 ports, 10 BaseT/100BaseTX autosensing
- Extended temperature range for industrial applications
- Wire speed transmit and receive
- Supports 1536 byte frames for VLAN tag
- Supports 802.3x flow control
- Supports full and half duplex
- Supports MDI/MDI-X autocrossover
- Learns up to 8,000 MAC addresses

Indicators

Power (3), Power fault

Front- Link and Activity for each port

Relay contacts for power fault alarm



Din mount



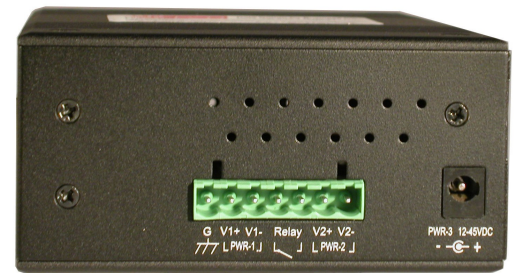
Wall mount bracket

Physical/Electrical

- Power requirements: 12 to 48 VDC, or 12-45 VDC, 7.5 watts maximum (120 VAC unit supplied with wall mount power supply)
- 125 VDC and 240 VAC options are available
- Size: 2" x 4.2" x 5.7"
- One pound

Environmental

Operating temperature: -40 to +75C,
non-condensing humidity



Multiple redundant power inputs and power fault relay contacts



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