



## Industrial Unmanaged Switch

■ ■ EH6308 Series

### Featuring

- 6 100TX ports plus one of the following: 2 1000TX, 2 1000LX or 2 1000SX fiber ports
- Redundant DC power inputs, total 3: 2 on the terminal block & 1 DC-Jack
- Fault Indicator and Relay Closing triggered by at least one Power Failure
- Full/Half-Duplex, auto MDI/MDI-X
- IP-30 Casing
- DIN-Rail Mount//Wall-Mount/Desktop installation
- -40~75 °C Extended Operating Temperature

### The EH6308 Series comes in four models.

	EH6308	EH6308G	EH6308G-Fm	EH6308G-Fs
10/100TX port no.	8	6	6	6
1000 TX port no.		2		
1000 LX port no.				2
1000 SX port no.			2	

100TX: Fast Ethernet

1000TX: Gigabit Copper

1000 LX: Gigabit Long-wave (Single-mode fiber)

1000 SX: Gigabit Short-wave (Multi-mode fiber)

EH6308 is an industrial-grade Layer-2 switch. Packaged in rugged IP-30 casing and furnished with redundant power inputs and a power-failure fault relay, the EH6308 Series is designed to operate in hostile industrial environments where wide temperature swing, power surge and even physical impact are not uncommon. Hence it is an ideal switching device for infrastructure management, wastewater treatment facilities, power utility stations, telecommunication installation, transportation monitoring and other mission-critical applications.

### Redundant Power Inputs

The EH6308 Series offers three different power inputs to enhance its reliability, with two on the terminal block, and one from the DC-Jack. When any two DC power input fail, a non-stop operation is still guaranteed.

### Relay Alarm in case of Power Failure

EH6308's built-in relay closes if any of the two powers on the terminal block fails. When hooked to an external buzzer with a separate power, the relay closing immediately sets off an audio alarm.

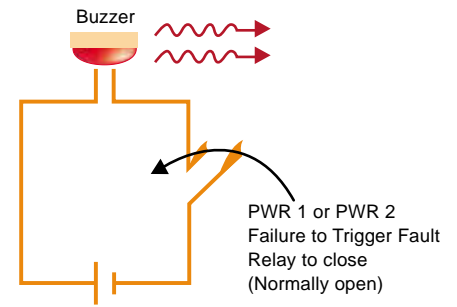
### High ESD Protection

EH6308's unique design protects the switch from up to 15 KV ESD and voltage surge up to 10 KV. This protection assures a seamless operation under adverse environmental conditions.

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EH6308 Series

General Specifications	
<b>Technology</b>	
<b>Ethernet</b>	IEEE 802.3 10-Base-T IEEE 802.3u 100Base-TX IEEE 802.3 100Base-FX IEEE 802.3 1000Base-SX, LX
<b>Switching Latency</b>	7 mS
<b>Flow Control</b>	IEEE 802.3x Flow Control and Back-pressure
<b>Processing</b>	Store-and-Forward
<b>Interface</b>	
<b>RJ45 Ports</b>	10/100Base-TX, Auto MDI/MDIX
<b>Fiber Ports</b>	1000Base SX / LX SX Multi-Mode: 850 nm, 50/125 mm or 62.5/125 mm, up to 550 M LX Single-Mode: 1310 nm, 10/125 mm, up to 5 KM
<b>LED Indicators</b>	RJ45 Port: LNK(Green) / ACT(Amber) Giga port and Fiber Port: LNK(Green) / ACT(Amber)
<b>Power</b>	
<b>Power Input</b>	PWR1/2: 12~48V DC on 7-pin Terminal Block PWR3: 12~45V DC from DC-Jack
<b>Reverse Polarity Protection</b>	Yes
<b>Consumption</b>	7.5 Watts Max
<b>Environmental</b>	
<b>Operating Temperature</b>	-40 to 75°C (-40 to 167°F)
<b>Storage Temperature</b>	-40 to 85°C (-40 to 185°F)
<b>Operating Humidity</b>	5% to 95% Non-condensing
<b>Mechanical</b>	
<b>Dimensions</b>	52mm(W) x 106mm(D) x 144mm(H)
<b>Casing</b>	IP-30
<b>Regulatory Approvals</b>	
<b>Shock</b>	IEC 60068-2-27
<b>FreeFall</b>	IEC 60068-2-32
<b>Vibration</b>	IEC 60068-2-6
<b>EMS</b>	EN61000-4-2 (ESD), EN61000-4-3 (RS) EN61000-4-4 (EFT), EN61000-4-5 (Surge) Level 3, EN61000-4-6 (CS), Level 3 CE/FCC class A RoHS
<b>Ordering Information</b>	
<b>EH6308</b>	Industrial 8-port Unmanaged Ethernet Switch with 8x 10/100TX
<b>EH6308G</b>	Industrial 8-port Unmanaged Ethernet Switch with 6x 10/100TX & 2x 1000TX
<b>EH6308G-Fm</b>	Industrial 8-port Unmanaged Ethernet Switch with 6x 10/100TX & 2x 1000SX, multi-mode
<b>EH6308G-Fs</b>	Industrial 8-port Unmanaged Ethernet Switch with 6x 10/100TX & 2x 1000LX, single-mode



Terminal Block



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CA\_EH6308 Series\_E : p-080326