

8-port PoE Switch

Layer 2 PoE Switch



- Layer 2 Industrial Network PoE Switch
- MAC Auto Study and Aging, 8K MAC Address List Capacity
- Supports the IEEE802.3af and the IEEE802.3at Standards
- Conforms to the IEEE802.3, IEEE802.3u, IEEE802.3ab/z and the IEEE802.3X Standards
- Designed for Extreme Temperature Environments

System Overview

The DH-PFS3110-8P-96 is an 8-port industrial PoE Ethernet switch, which supports the IEEE802.3 af/at standards. The switch is designed for extreme temperature environments and achieves a Lightning Protection rating of 3 kV. The unit is rigorously tested using Accelerated Life Testing to ensure high-reliability and a long operating life.

Technical Specification

Ethernet Ports	
Uplink Ports	One (1) 10/100/1000 Base-T Port One (1) 1000 Base-X Port
Downstream Ports	Eight (8) 10/100 Base-T Ports (PoE Power Supply)
PoE Features	<ul style="list-style-type: none"> • Protocol: IEEE802.af, IEEE802.3at, Ports 1 to 8 • Consumption: Up to 30 W per Port • Total PoE Budget¹: 96 W
Switching Capacity	7.6 Gbps
Packet Forwarding Rate	4.17 Mpps
Packet Buffer Memory	1 MB
MAC Table Size	8K
Flow Control	Enable by default
Power Requirements	53 VDC Power Adapter (included)
Operating Temperature	-30 °C to 65 °C (-22 °F to 149 °F)
Application Humidity	10% to 90%
Lightning Protection	Common Mode: 2 KV Differential Mode: 1 KV
Dimensions (W x D x H)	150.0 mm x 100.0 mm x 42.0 mm (5.91 in. x 3.94 in. x 1.65 in.)
Weight	0.54 kg (1.19 lb)

Certifications

Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2001+A2:2013 UL 60950-1 + CAN/CSA C22.2 No. 60950-1-07
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 50130-4:2011, EN 55022:2010/AC:2011, EN 55024:2010, EN 55032:2012+AC:2013, EN 6100-3-2:2014, EN 6100-3-3:2013, IEC 61000-4-2:2008, IEC 61000-4-3:2006+A1:2007+A2:2010, IEC 61000-4-4:2005, IEC 61000-4-5:2005, IEC 61000-4-6-2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004

Ordering Information

Type	Part Number	Description
PoE Switch	DH-PFS3110-8P-96	Layer 2, 8-port PoE Switch
Accessories	PFT3950	1.25 G, 850 nm, 500 m, LC, Multi-mode
	PFT3960	1.25 G, 1310/1550 nm, 20 km, LC, Single-mode
	PFT3970	1.25 G, 1550/1310 nm, 20 km, LC, Single-mode

1. Log into the switch to configure PoE budget management parameters.