

Template:Networking tsw200 first start safety information

Safety information

TSW200 switch must be used in compliance with any and all applicable national and international laws and with any special restrictions regulating the utilization of the communication module in prescribed applications and environments.

Technical specifications

Input voltage range*	7 - 57 V
Max power consumption	5.5 W
Max PoE power budget at PSE	240 W
Max Ethernet cable length	100 m

* PoE operates properly only when connected power supply outputs 44 V or higher voltage.

PoE standards











This device uses PoE alternative B.

The difference between PoE alternative A and alternative B

Alternative A:

802.3af and 802.3at Alternative A connection. The power sourcing equipment applies a positive voltage to pins 1-2 and a negative voltage to pins 3-6.

802.3af/at Alternative A:

Pins at switch	T568A Color	T568B Color	10/100 Alternative A, mixed DC & data	1000 (1 gigabit) Alternative A, DC & bi-data
Pin 1	 white/green stripe	 white/orange stripe	Rx + DC +	TxRx A DC +
Pin 2	 green solid	 orange solid	Rx - DC +	TxRx A DC +
Pin 3	 white/orange stripe	 white/green stripe	Tx + DC -	TxRx B DC -
Pin 4	 blue solid	 blue solid	Unused Unused	TxRx C +
Pin 5	 white/blue stripe	 white/blue stripe	Unused Unused	TxRx C -

