

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			Rx +	DC + TxRx A DC +
Pin 2			Rx -	DC + TxRx A DC +
Pin 3			Tx +	DC - TxRx B DC -
Pin 4			Unused	Unused TxRx C +
Pin 5			Unused	Unused TxRx C -

Pin 6		orange solid		green solid	Tx -	DC -	TxRx B	DC -
Pin 7		white/brown stripe		white/brown stripe	Unused	Unused	TxRx D	$+$
Pin 8		brown solid		brown solid	Unused	Unused	TxRx D	$-$

Alternative B:

802.3af and 802.3at Alternative B connection. The power sourcing equipment applies a positive voltage to pins 4-5 and a negative voltage to pins 7-8.

802.3af/at Alternative B:

Pins at switch	T568A Color	T568B Color	10/100 Alternative B, DC on spares	1000 (1 gigabit) Alternative B, DC & bi-data
Pin 1			Rx +	TxRx A +
Pin 2			Rx -	TxRx A -
Pin 3			Tx +	TxRx B +
Pin 4			DC +	TxRx C + DC +
Pin 5			DC +	TxRx C - DC +
Pin 6			Tx -	TxRx B -
Pin 7			DC -	TxRx D + DC -
Pin 8			DC -	TxRx D - DC -



LAN

 This sign on the package means that it is necessary to read the User's Manual before you start using the device

 This sign on the package means that all used electronic and electric equipment should not be mixed with general household waste