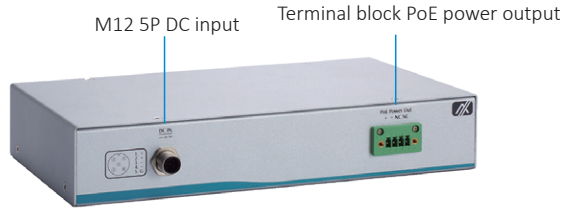
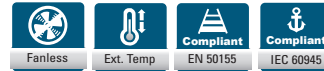


# PSU120-259

PoE Power Sourcing Equipment for tBOX300/tBOX500 Series



# PSU120-259 series





## Specifications

Power Source	1 x M12 5P DC input	
PoE Performance	1 x Terminal block PoE power output, maximum 120W (to be used with tBOX300/500 series and VAM PoE LAN series)	
Operating Temperature	-40°C to +60°C (-40°F to +140°F) with tBOX500 series & wide operating temperature peripheral -25°C to +60°C (-13°F to +140°F) with tBOX300 series & wide operating temperature peripheral	
Certifications	CE, FCC, EN 50155 and IEC 60945 compliant	
EMC	CE/FCC	EN 61000-6-4 (Class A), EN 61000-6-2 FCC part 15 B (Class A)
	EN 50155	EN 50121-3-2, IEC 62236-3-2
	IEC 60945	IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6 CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-4
Vibration	3Grms with tBOX300/tBOX500 series (5 to 500Hz, X/Y/Z direction; random, operating)	
	EN 50155	EN 61373 category 1 class B
	IEC 60945	IEC 60068-2-6
Shock	EN 50155	half-sine pulse, 5g, 30ms (longitudinal direction), 3g, 30ms (vertical/transverse direction)

\*For more information of certification/EMC/Vibration/Shock as above, please contact Axiomtek 's regional distributor

## Ordering Information

### Standard

PSU120-259 Railway-24VDC (P/N: E276120101) Railway-48VDC (P/N: E276120102) Railway-96/110VDC (P/N: E276120103)	Fanless EN 50155 compliant PoE power sourcing equipment with 24/48/96/110 VDC-in supported	 For tBOX500/tBOX300 Railway series
PSU120-259 Marine-24VDC (P/N: E276120104)	Fanless IEC 60945 certified PoE power sourcing equipment with 24 VDC-in supported	 For tBOX500 Marine series

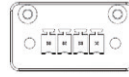
## Pin Definition



# M12 5P DC input

Pin	Signal
1	VCC
2	VCC
3	System GND
4	System GND
5	Chassis GND

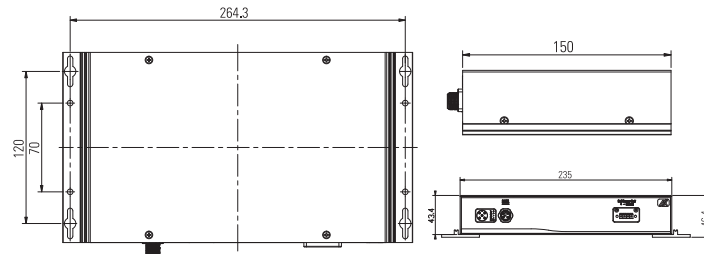
PoE Power Out  
+ - NC NC



# TB PoE power output

Pin	Signal
1	VCC
2	System GND
3	NC
4	NC

## Dimensions



## Application Diagram

