



ALL-MCI2011P-60W Industrial PoE Converter

- *Hardened 60W Gigabit POE converter*
- *designed with hardened Marvell IC*
- *1x10/100/1000M 60W PSE (supports 802.3af/at) TX + 100/1000M SFP*
- *48-56VDC Redundant Power-Input*
- *Operating temp: -40°C to +75°C*

Introduction

This Rugged 60 Watts Industrial POE converter is designed with hardened Marvell IC, it delivers 60Watts POE power to your PD. It also can tolerate extreme temperature in a harsh environment. Our ColdDesign technology will not only power up your PD device, also reduce the excessive heat problem to a minimum. It accepts the input voltage from 48VDC to 56VDC to meet IEEE802.3af/at required voltage. It is being rigorously tested for your Security, Transportation and Telco application.

Part.-No. 134035

Errors and technical changes that serve the interests of progress or development of the product are reserved.

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Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet
	IEEE 802.3z 1000Base-X Gigabit Ethernet
	IEEE802.3x Flow Control and Back Pressure,
	IEEE802.3af for POE
	IEEE802.3at for POE+
Switch Architecture	Back-plane (Switching Fabric): 4Gbps
Data Processing	Store and Forward
Flow Control:	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC address Table Size	2K
Packet Buffer Size	1M
Network Connector:	1xRJ-45 10/100/1000BaseT(X) PSE with POE Output power up to 60Watts
	1 x 100/1000M SFP
Network Cable	UTP/STP Cat.5e or above Cable
	EIA/TIA-568 10-ohm (100m)
Protocol	CSMA/CD
LED	PW1(power 1) Green: ON- power good, OFF-power failed
	UTP LEDs:
	Amber ON- PD detected
	Green ON – Link/active –
	SFP LED:
	Green ON – SFP detected
POE Pin Assignment	60 watts 4 pairs
	V+, V+, V-, V- for pin 1, 2, 3, 6
	V+, V+, V-, V- for pin 4, 5, 7, 8
DIP Switch	To select SFP speed 100M or 1000M.
Reverse polarity protection	Present
Overload current protection	Present
Power Supply	4 pin terminal block with 48V-56V VDC Power Input,
	SW (Relay): Relay switch for alarm
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC,
	Relay in short circuit mode when power fails. in open circuit mode when power supply is connected
Power Consumption	2 W@48 VDC Without POE
POE power	Maximum POE power 72watts at 56VDC input

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Removable Terminal Block	Provide 4 pin terminal block
	Wire range: 0.34mm ² to 2.5mm ²
	Solid wire (AWG): 12-24/14-22
	Stranded wire(AWG): 12-24/14-22
	Torque: 5lb-In/0.5Nm/0.56Nm
	Wire Strip length: 7-8mm
Operating Temperature	-40°C~75°C fully tested.
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C~85°C
MTBF (mean time between failure)	510,304 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (L X W X D)mm	103.5mmx32mmx81.5mm (LxWxD)
Installation mounting	DIN Rail mounting and Wall Mounting
EN55022/24	ITE equipment
EN55011	Industrial, Scientific and Medical (ISM) equipment
Safety	IEC EN60950-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A,
	CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall

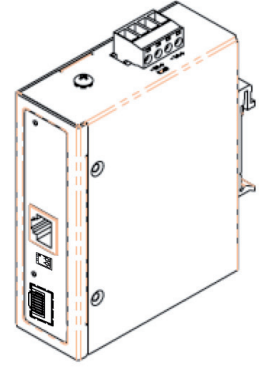
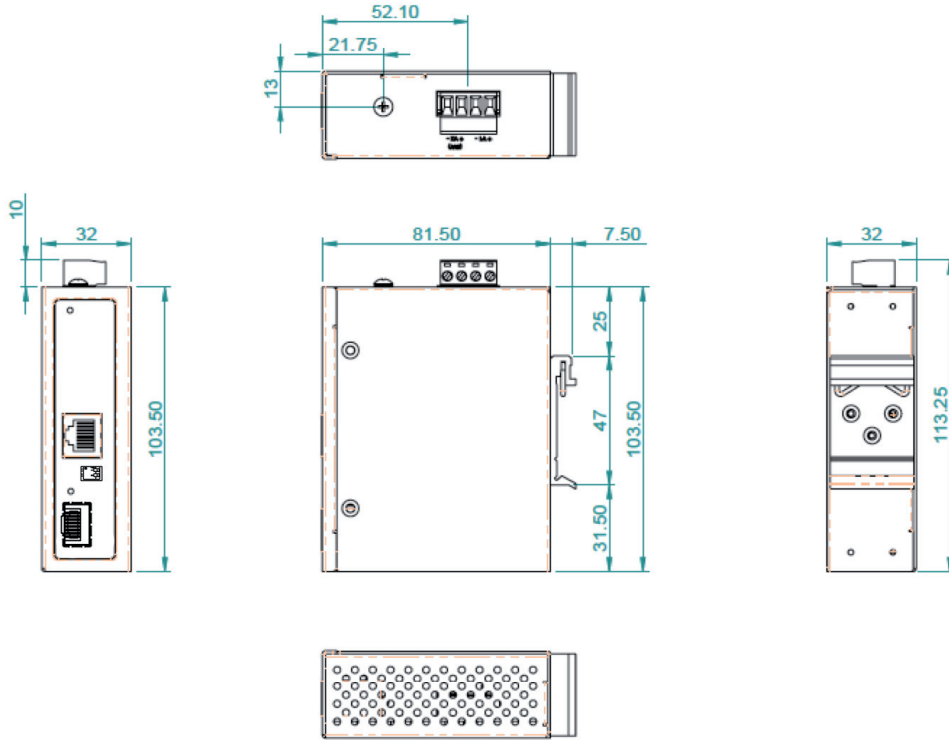
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Housing Dimension



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