HMC-HDM-G1SPp

Hardened Grade 10/100/1000Base-TX (PoE+) to 1000Base-SFP Ethernet Media Converter with Redundant DC Power Inputs

Features

- Converts 10/100/1000Base-TX to 1000Base-SFP
- Supports IEEE802.3at (30W)
- Supports external 1000Base-SFP
- Supports Full/Half-duplex, Auto MDI/MDIX
- Terminal Block, Redundant power inputs
- 10K Bytes Jumbo Frame
- Supports DIN-Rail and Wall-mount installation
- -40°C to 75°C (-40°F to 167°F) operating temperature

Specifications

Ethernet

Standards	IEEE802.3
	IEEE802.3u
	IEEE802.3x
	IEEE802.3z
	IEEE802.3ab
	IEEE802.3az
	IEEE802.1q
	IEEE802.1X
Processing Type	Store-and-Forward
Forward Filter Rate	14,880pps (10Mbps)
	148,800pps (100Mbps)
	148,8000pps (1000Mbps)
Cabling	10Base-TX: Cat5 or above
	100Base-TX: Cat5 or above
	1000Base-TX: Cat5 or above
Packet Buffer Memory	1Mbits
Max Packet Length	Up to 10K
Address Table Size	4K

Interface

RJ45 port	10/100/1000Mbps-Full/Half-duplex, Auto MDI/MDI-X
PoE port	IEEE 802.3af/at, PSE (30W) , 1/2(+), 3/6(-)
SFP port	1000Base-SFP (suggest HEPDA SFP)
LED Indicators	Power; Link; PoE

Optical

SFP port	1000Base-SFP

Electrical and Mechanical

Input Power	DC9-56V (Terminal block, Redundant power)
	Input voltage for PoE: DC48-56V (Suggest 56V)
Power Consumption	38W, 0.79A@48VDC (PoE in use)
	8W, Max. 0.17A@48VDC (PoE not in use)
Dimensions	120 x 90 x 35 mm
Weight	400g
Casing	Aluminium case
Mounting Options	DIN-Rail and Wall Mount

Environmental

Operating Temperature	-40˚C to 75˚C (-40˚F to 167˚F)
Storage Temperature	-40˚C to 85˚C (-40˚F to 185˚F)
Relative Humidity	5% to 90% non-condensing
MTBF	> 100,000 hrs

Regulatory Approvals

EN 55022: 2010+AC: 2011	IEC 61000-4-2: 2008	FCC Part 15 Subpart B
EN 61000-3-2: 2014	IEC 61000-4-3: 2010	RoHs
EN 61000-3-3: 2013	IEC 61000-4-4: 2012	IEC 62321-7-2:2017
EN 55024: 2010	IEC 61000-4-5: 2014	IEC 62321-4:2013+A1:2017
	IEC 61000-4-6: 2013	IEC 62321-5:2013
	IEC 61000-4-8: 2009	IEC 62321-6:2015
	IEC 61000-4-11: 2004	IEC 62321-8:2017
		EN 55032: 2016
		EN 55035: 2017

Ordering Information

Available Model	Description
HMC-HDM-G1SPp	Hardened Grade 10/100/1000Base-TX (PoE+) to 1000Base-SFP Ethernet Media Converter with Redundant DC Power Inputs

Optional Accessories (to be purchased separately)

SFP	(S)=SFP Option. Please select your SFP on our SFP Modules page for details.
Power Supply	Recommended power supply: MDR-40-48. Please refer to the Power Adaptors and Power Supply page for more information.

Package Checklist

• Gigabit Ethernet PoE Media Converter	x1
• Din Rail Clip	x1
• Quick Installation Guide	x1