

dametric 

GIR-PS1



GMS Industrial PoE Splitter

Description

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1 General

The GIR-PI1 is a PoE (Power on Ethernet) injector designed to power a remote unit in a point-to-point Ethernet connection. The can distribute up to 15 W of power and the unit supports 10/100Base-TX in a rugged, hardened case.

The unit is used together with the GIR-DM1 router and normally placed together in the GIR-M1 master unit.

2 Technical data

Power

Input Voltage	44 to 75 VDC (from GIR-PI1)
Output voltage	24VDC
Output current	0.54A @ 24VDC
Connection	Detachable screw terminal

Polarity protected

Overload protection	400mA
Efficiency	85% (@ 25 °C, full load)

Interface

RJ45 ports	10/100BaseT(X)
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Standards	IEEE 802.3af
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Performance

Throughput	148,800 bps to 100 Mbps ports
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PoE Port

Maximum power output	30W
Surge resistance	3kV
Connection type	Mode A, Mode B, selected by DIP-switch

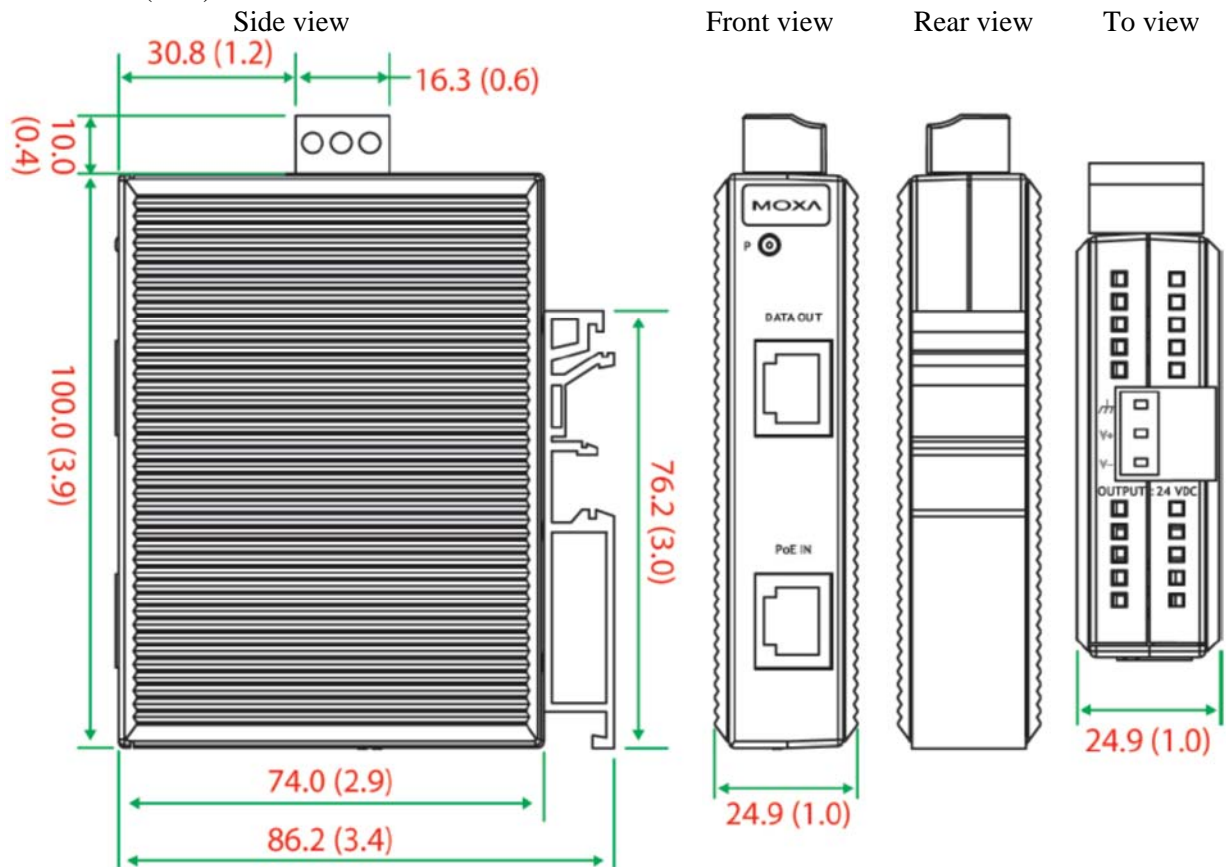
Mechanical and environmental

Housing	Plastic case
Protection	IP 30
Installation	DIN-Rail 35 mm, wall mounting
Operating Temperature	0°C to 60°C
Operating Humidity	10 to 80% RH (non-condensing)
Storage Humidity	5 to 95% RH (non-condensing)
Weight	95 g

Dimensions Width 25, height 109, depth 88 mm

3 Dimension

Unit = mm (inch)



4 Connections

4.1 Power supply

The detachable connector for the power supply is placed on the top of the unit (2).

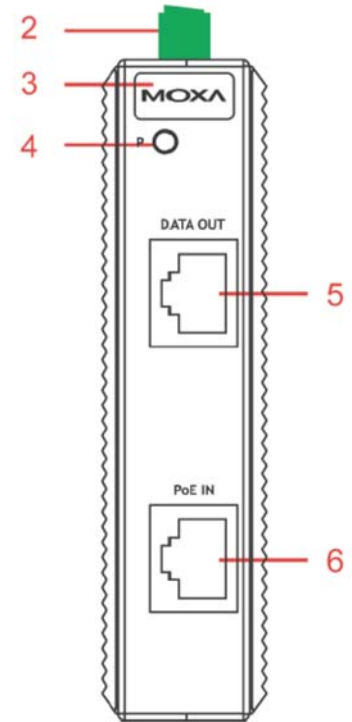
V- Connect to 0V
 V+ Connect to +24VDC
 GND Connect to ground

4.2 DATA OUT

Connect the short Ethernet cable from the GIR-DM1 router unit into the **DATA OUT** socket (5).

4.3 PoE IN

Connect the Ethernet cable from the remote GIR-PI1 (injector) unit into the **PoE IN** socket (6).



5 LED indicators

Power (4), amber

ON Power is being supplied
 OFF No power supplied

6 Mounting

Mounting

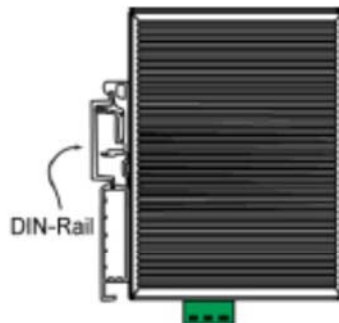
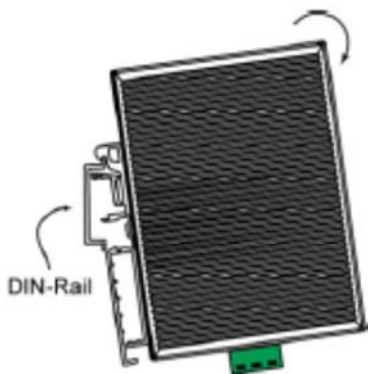
Snap on mounting – see the figure.

Step 1

Insert the top of the DIN rail into the Slot just below the stiff metal spring.

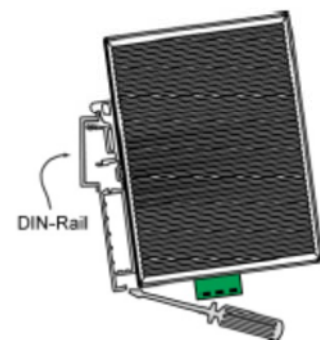
Step 2

The DIN rail attachment unit will snap into the place as shown below



Removal

Insert a flat-blade screw driver horizontally into the DIN rail kit under the unit, and then pull it upwards and release the unit towards you away from the DIN rail.



7 Valmet article number

VAL0372769.

8 Contact

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