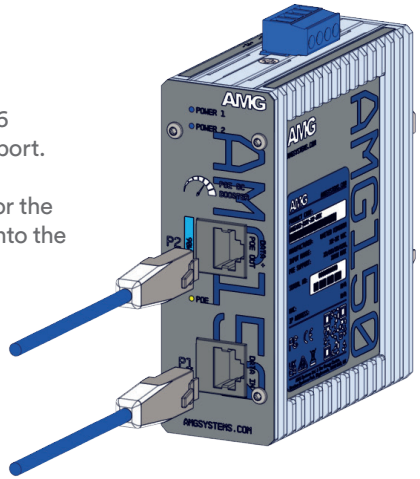
INTERFACE CONNECTIONS

① Insert the inbound Cat5/6 cable into the Data In RJ45 port.

② Insert the Cat5/6 cable for the PoE device to be powered into the Data + PoE Out RJ45 port.



PORT SPEEDS

Example part code:

AMG150-1GAT-P60

Character	RJ45 Port Speed
G	10/100/1000 Base-T(X)
X	10/100/1000/2.5G/5G/10G Base-T(X)

POE CAPABILITIES

Example part code:

AMG150-1GAT-P30

Characters	PoE Standard Supported
None	Non-PoE Model
AT	IEEE 802.3at 30W Port
BT	IEEE 802.3bt 60/90W Port

Characters	PoE Budget
P30	30W Max
P60	60W Max
P90	90W Max
P180	180W Max

Check the product label to determine the PoE power supported on each port and the units total maximum PoE budget.

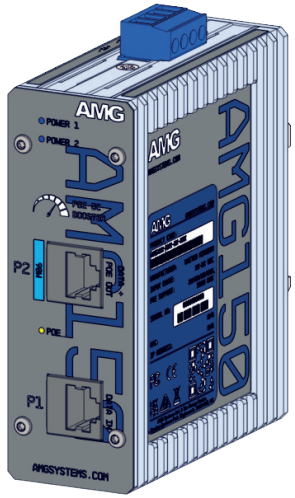
Ensure the PSU size used is at least equal to the maximum PoE budget figure.

IEEE 802.3at Models
Type 1 & 2 PoE support Mode A or B PSE

IEEE 802.3bt Models
Type 1, 2, 3 & 4 PoE support. Mode A and/or Mode B PSE

AMG Systems Ltd. 4 Pioneer Way, Castleford, WF10 5QU, UK T: +44 (0) 1767 600 777 E: technical@amgsystems.com
AMG Systems Inc. 62 Spring Hill Road, Trumbull, CT 06611, USA T: +1-855-AMGPOE1 (855-264-7631)
D33745-00 www.amgsystems.com

SCAN ME



AMG150 Series
Industrial 1-Port PoE Injector

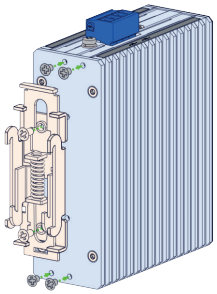
Installation Manual - Hardware

AMG150

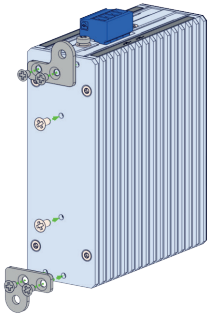
AMG
amgsystems.com

DIN RAIL MOUNT INSTALLATION

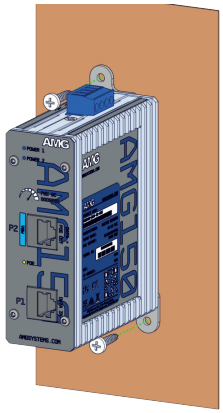
SURFACE MOUNT INSTALLATION



① Remove the DIN rail clip by unscrewing the two fixing screws as shown.

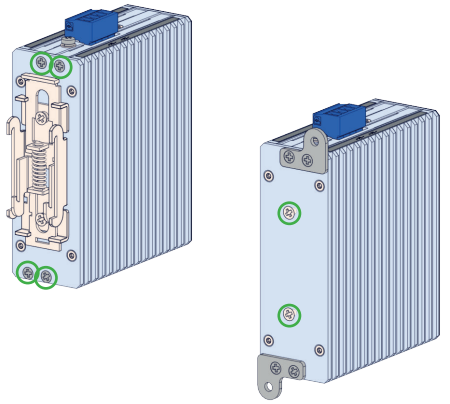


② Attach the included wall mount brackets with the provided 4 x M3 screws as shown.



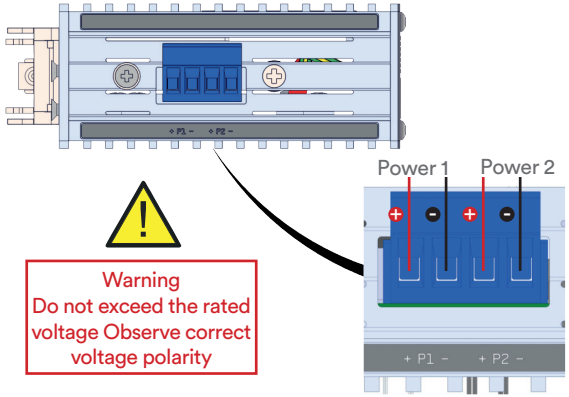
③ Fix the unit to the surface using two appropriate screws (screws not provided)

IP RATING



To maintain the units IP40 rating any screw holes that are not used should still have their screws installed as shown in green above.

POWER



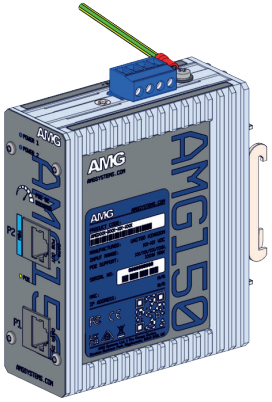
Warning
Do not exceed the rated voltage Observe correct voltage polarity

Model Type	Voltage
30W Models	48-56 VDC
90W Models	52-56 VDC
30W LV Models	9-36 VDC
90W LV Models	20-60 VDC

Model Type	Power
Standard Models	2W Max*
LV Models	5W Max*

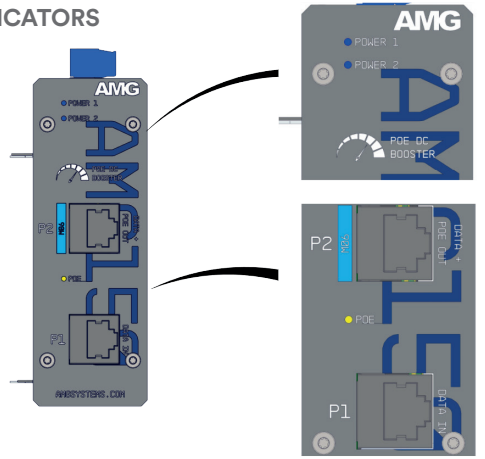
*Excludes PoE Load

EARTH PROTECTION



To provide correct protection from ESD and Surge events ensure that the unit is correctly earthed using the provided earth connection point in accordance with local electrical codes & standards. (cable not provided)

LED INDICATORS



LED	Colour	Description
POWER 1/2	Blue	DC input power 1 or 2 present
POE	Yellow Flashing	Searching for PoE device
	Yellow Solid	PoE is being delivered on the port