

# 1408EM3AENT

Allen-Bradley PM1000 Energy Monitor EM3 with EtherNet



**Allen-Bradley**  
by ROCKWELL AUTOMATION

<b>Component type</b>	Multifunction energy meter
<b>Range</b>	PM1000
<b>Model</b>	N/A
<b>Product status</b>	Existing



The Allen-Bradley® Bulletin 1408 PowerMonitor 1000 is a cost-effective energy monitor that is ideal for your applications where load profiling and energy optimisation is required. It provides seamless integration to other Allen-Bradley® through native ethernet IP. It has an onboard webserver for configuration and real time variables for on board load profiling.

## ELECTRICAL

Nominal current (In)	5.0 A
Frequency	40 - 75 Hz
Supply voltage AC 50 Hz	85 - 264 V
Pulse counter	Yes
Pole type	Three conductor
Type of display	LCD
Measurement parameter kW	Yes
Measurement parameter kW demand	Yes
Measurement parameter kWh	Yes
Measurement parameter kWh demand	Yes
Measurement parameter kVA	Yes
Measurement parameter KVAR	Yes
Measurement parameter Hz	Yes

## COMMUNICATION

Supporting protocol for Modbus	Yes
Supporting protocol for other bus systems	No

## CONSTRUCTION

Terminal type	Screw
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## ENVIRONMENT

Operating temperature	-10 - 60 °C
Storage temperature	-40 - 85 °C
Humidity type	Non-condensing

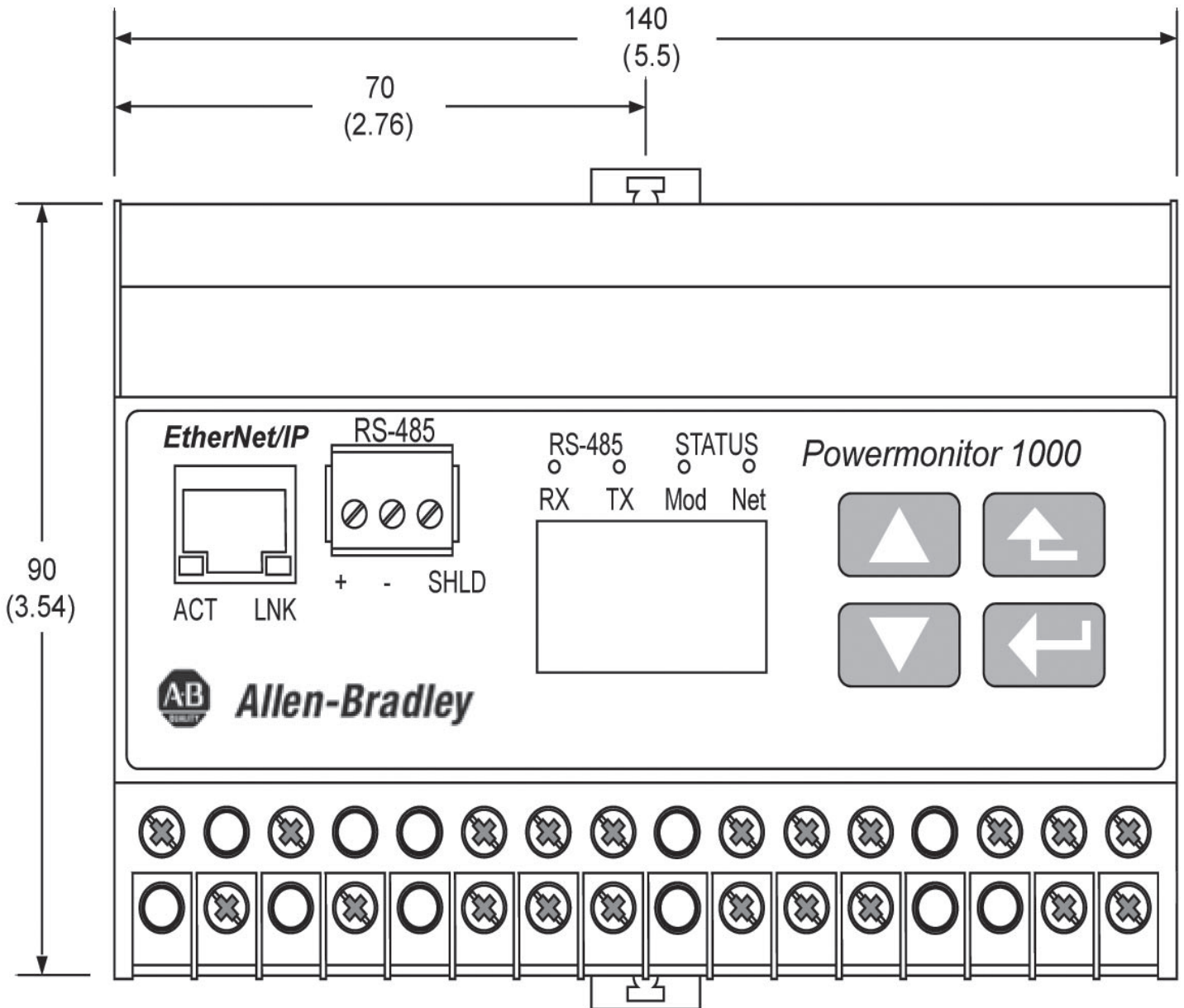
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## DIMENSIONAL DIAGRAM



All dimensions are mm (in.).

Panel mount depth 59 mm (2.4 in.).

DIN-rail mount depth 62 mm (2.44 in.).

Hole spacing tolerance:  $\pm 0.4$  mm (0.016 in.).