



# IMACS 8540-1800 Series

The analog current input modules provide a single channel of transformer and optically isolated current to digital conversion. The modules also include complete channel-to-channel isolation which eliminates troublesome ground loop problems.

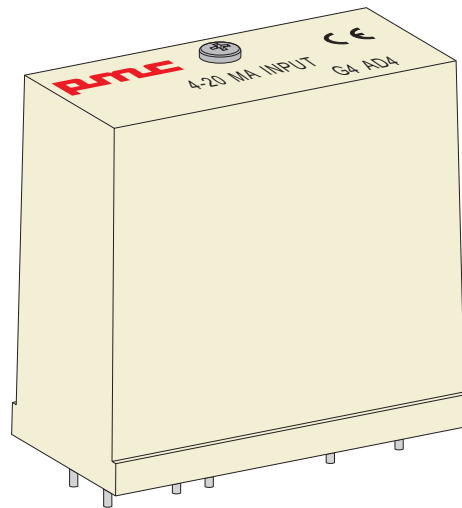
## FEATURES

- 4 to 20 mA
  - Nominal 4 to 20 mA into 249 ohms
  - Over / Under range 3 to 35 mA
  - Module sourcing or user sourced loop supply
  - Loop supply 28 V<sub>DC</sub>
  - Accuracy 16 A
  - Response time of 3 ms for full scale change
- 0 to 5 A AC/DC
  - Max 8 A AC/DC
  - Accuracy 25 mA
  - Response time of 1200 ms for full scale change
- 12 bits resolution
- 4000 V<sub>RMS</sub> isolation
- 0 to 70°C operating temperature
- -25 to 85°C storage temperature
- UL recognized
- CSA certified
- CE mark
- Passes NEMA showering arc test [ICS 2-230]
- Meets IEEE surge withstand specification [IEEE-472]



## ANALOG CURRENT INPUT MODULES

4 to 20 mA 8540-1875 G4 AD3  
0 to 5 A 8540-1886 G4 AD16



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