

Energy DataNodes



The Encore Series (ES210, ES220, ES230 and ES230S) family of energy monitors are compact, cost effective and easy to use. They record all of the parameters to fit any electrical energy application, and have several options for communications including Ethernet and Serial. Combined with the Encore Series software, this enables users to monitor, record, and report on all energy management initiatives.

ES210 Energy DataNodes

Without Communications

- ES2105A** EMS DataNode, 5A, 85-253Vac/DC, 96mm x 96mm. No communications.
ES2101A EMS DataNode, 1A, 85-253Vac/DC, 96mm x 96mm. No communications.

With 10/100baseT Ethernet Communications, MODBUS TCP

- ES2105AE** EMS DataNode, 5A, 85-253Vac/DC, 96mm x 96mm. Ethernet communications.
ES2101AE EMS DataNode, 1A, 85-253Vac/DC, 96mm x 96mm. Ethernet communications.

With RS232/RS485 Serial Communications, MODBUS RTU

- ES2105AS** EMS DataNode, 5A, 85-253Vac/DC, 96mm x 96mm. Serial communications.
ES2101AS EMS DataNode, 1A, 85-253Vac/DC, 96mm x 96mm. Serial communications.

ES220 Energy DataNodes

Without Communications

- ES2205A** EMS DataNode, 5A, 85-253Vac/DC, 144mm x 144mm. No communications.
ES2201A EMS DataNode, 1A, 85-253Vac/DC, 144mm x 144mm. No communications.

With 10/100baseT Ethernet Communications, MODBUS TCP

- ES2205AE** EMS DataNode, 5A, 85-253Vac/DC, 144mm x 144mm. Ethernet communications.
ES2201AE EMS DataNode, 1A, 85-253Vac/DC, 144mm x 144mm. Ethernet communications.

With RS232/RS485 Serial Communications, MODBUS RTU

- ES2205AS** EMS DataNode, 5A, 85-253Vac/DC, 144mm x 144mm. Serial communications.
ES2201AS EMS DataNode, 1A, 85-253Vac/DC, 144mm x 144mm. Serial communications.

ES230 Energy DataNodes

Without Communications

- ES2305A** EMS DataNode, harmonics, 5A, 85-253Vac/DC, 144mm x 144mm. No communications.
ES2301A EMS DataNode, harmonics, 1A, 85-253Vac/DC, 144mm x 144mm. No communications.
ES2305SA EMS DataNode, harmonics, 5A, 85-253Vac/DC, 96mm x 96mm. No communications.
ES230S1A EMS DataNode, harmonics, 1A, 85-253Vac/DC, 96mm x 96mm. No communications.

With 10/100baseT Ethernet Communications, MODBUS TCP

- ES2305AE** EMS DataNode, harmonics, 5A, 85-253Vac/DC, 144mm x 144mm. Ethernet communications.
ES2301AE EMS DataNode, harmonics, 1A, 85-253Vac/DC, 144mm x 144mm. Ethernet communications.
ES230S5AE EMS DataNode, harmonics, 5A, 85-253Vac/DC, 96mm x 96mm. Ethernet communications.
ES230S1AE EMS DataNode, harmonics, 1A, 85-253Vac/DC, 96mm x 96mm. Ethernet communications.

With RS232/RS485 Serial Communications, MODBUS RTU

- ES2305AS** EMS DataNode, harmonics, 5A, 85-253Vac/DC, 144mm x 144mm. Serial communications.
ES2301AS EMS DataNode, harmonics, 1A, 85-253Vac/DC, 144mm x 144mm. Serial communications.
ES230S5AS EMS DataNode, harmonics, 5A, 85-253Vac/DC, 96mm x 96mm. Serial communications.
ES230S1AS EMS DataNode, harmonics, 1A, 85-253Vac/DC, 96mm x 96mm. Serial communications.
ES230RS232 RS232 Interface Cable

ES Series Misc. options

- EMMOD201** RS232/RS485 Communications module, MODBUS RTU.
EMMOD203 Ethernet Communications module, MODBUS TCP.
ESDIN DIN Rail Mount. **FOR ES210 & ES230s ONLY**
117872-G1 Enclosure for ES220 and ES230 (not for ES210 or ES230s)