

# Product data sheet

Specifications



## ComX 510 - energy server - UL - SDRAM4 Go

EBX510

⚠ Discontinued on: Sep 16, 2022

⚠ End-of-service on: Mar 30, 2024

⚠ Discontinued

Product availability: Stock - Normally stocked in distribution facility

### Main

|                           |               |
|---------------------------|---------------|
| Range                     | PowerLogic    |
| Product Name              | ComX          |
| Product Or Component Type | Energy server |
| Device Short Name         | ComX 510      |

### Complementary

|                                |   |
|--------------------------------|---|
| [Us] Rated Supply Voltage      | Main supply 24 V DC   |
| Maximum Power Consumption In W | 26 W 24 V<br>15 W via PoE   |
| Communication Network Type     | RS485, Modbus serial 1 RJ45<br>RS485, Modbus serial terminal block<br>Ethernet, PoE 15W (Power over Ethernet) 1 RJ45<br>Ethernet, DHCP 1 RJ45 |
| Number Of Inputs               | 6 digital<br>2 analog   |
| Discrete Input Current         | 60 mA 12 V DC   |
| Sensor Power Supply            | 24 V DC 50 mA   |
| Analogue Input Type            | Pt 1000<br>Pt 100<br>0...10 V<br>4...20 mA  |
| Communication Gateway          | Ethernet TCP/IP to Modbus   |
| Memory Capacity                | 128 MB RAM<br>256 MB flash<br>4 GB SDRAM  |
| Mounting Mode                  | Clip-on   |
| Mounting Support               | 35 mm DIN rail  |
| Product Certifications         | C-tick<br>cUL<br>UL<br>CE   |
| Standards                      | EN 60950<br>EN 61010-1<br>UL 508<br>UL 60950  |
| Depth                          | 2.72 in (69 mm)   |
| Height                         | 4.29 in (109 mm)  |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|                                     |  |
|-------------------------------------|--|
| <b>Width</b>                        | 5.67 in (144 mm)   |
| <b>Net Weight</b>                   | 15.87 oz (450 g)   |
| <b>Product Specific Application</b> | Energy management systems  |
| <b>Web Services</b>                 | Web server   |
| <b>Local Signalling</b>             | LED:power supply<br>LED:status GPRS)<br>LED:communication Modbus)<br>LED:communication Ethernet)<br>LED:communication WiFi)<br>LED:I/O |

## Environment

|  |  |
|--|--|
| <b>Relative Humidity</b>                     | 5...95 % 131 °F (55 °C) without condensation |
| <b>Ip Degree Of Protection</b>               | IP20 terminal block)<br>IP40 front face)     |
| <b>Ambient Air Temperature For Operation</b> | -13...158 °F (-25...70 °C)                   |
| <b>Ambient Air Temperature For Storage</b>   | -40...185 °F (-40...85 °C)                   |
| <b>Pollution Degree</b>                      | 3  |
| <b>Operating Altitude</b>                    | 6561.68 ft (2000 m)                          |

## Ordering and shipping details

|                          |               |
|--------------------------|---------------|
| <b>Category</b>          | US10PL109785  |
| <b>Discount Schedule</b> | 0PL1          |
| <b>Gtin</b>              | 3606480748936 |
| <b>Returnability</b>     | Yes           |
| <b>Country Of Origin</b> | DE            |

## Packing Units

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Unit Type Of Package 1</b>       | PCE                |
| <b>Number Of Units In Package 1</b> | 1                  |
| <b>Package 1 Height</b>             | 3.15 in (8.0 cm)   |
| <b>Package 1 Width</b>              | 4.33 in (11.0 cm)  |
| <b>Package 1 Length</b>             | 6.30 in (16.0 cm)  |
| <b>Package 1 Weight</b>             | 15.84 oz (449.0 g) |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓ Reach Free Of Svhc

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information Yes

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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**California Proposition 65** WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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