Product datasheet

Specifications

ComX 510 - energy server - UL - SDRAM4 Go

EBX510

⚠ **Discontinued on:** 02-Nov-2022

⚠ **To be end-of-service on:** 31-Jul-2024

⚠ **Discontinued - Service only**

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 15 W via PoE
Communication Network Type	RS485, Modbus serial on 1 RJ45 RS485, Modbus serial on terminal block Ethernet, PoE 15W (Power over Ethernet) on 1 RJ45 Ethernet, DHCP on 1 RJ45
Number Of Inputs	6 digital 2 analog
Discrete Input Current	60 mA at 12 V DC
Sensor Power Supply	24 V DC at 50 mA
Analogue Input Type	Pt 1000 Pt 100 0...10 V 4...20 mA
Communication Gateway	Ethernet TCP/IP to Modbus
Memory Capacity	128 MB RAM 256 MB flash 4 GB SDRAM
Mounting Mode	Clip-on
Mounting Support	35 mm DIN rail
Product Certifications	C-Tick cUL UL CE
Standards	EN 60950 EN 61010-1 UL 508 UL 60950
Depth	69 mm
Height	109 mm
Width	144 mm

Net Weight	450 g
Product Specific Application	Energy management systems
Web Services	Web server
Local Signalling	LED: for power supply LED: for status (GPRS) LED: for communication (Modbus) LED: for communication (Ethernet) LED: for communication (WiFi) LED: for I/O

Environment

Relative Humidity	5…95 % at 55 °C without condensation
Ip Degree Of Protection	IP20 (terminal block) IP40 (front face)
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…85 °C
Pollution Degree	3
Operating Altitude	2000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	11.0 cm
Package 1 Length	16.0 cm
Package 1 Weight	449.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	15
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.222 kg

Sustainability

Green Premium^{TM} 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_2 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

✅ Toxic Heavy Metal Free

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins