Product data sheet

Specifications

Green Premium™

PowerLogic HU250: Head Unit communication gateway with cyber security management

EMS59000

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3,629.21 USD

Main

Range of Product	PowerLogic T300
Range	PowerLogic
Product name	PowerLogic T300
Device short name	HU250

Complementary

Product or Component Type	Communication gateway
Communication port protocol	DNP3 serial and TCP master station/outstation Modbus serial and TCP client/server Modbus RTU client/server IEC 61850-8-1 controlling/controlled station IEC 60870-5-104 controlling/controlled station IEC 60870-5-101 controlled station
Communication port support	4 ETHERNET RJ45 1 RS485/RS232 RJ45 1 3G/4G SMA
Data recording	Event logs 4 data logs 1 ms time stamps 500000 events Sequence of event recording
Memory capacity	16 MB
Time synchronisation protocol	NTP SNTP GPS
Synchronisation time between inputs	1 ms
Control type	Illuminated push-button status:
Communication service	Web server local WiFi: Web server local Ethernet: Web server remote WAN:
web services	Event log Alarm Operating/Status report Assistance in commissioning and operating the installation Security/authority verification Reports and diagrams
Programming language	Calculation formula ST (structured text) IL (instruction list) LD (ladder) FBD (function block diagram) SFC (sequential function chart)

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

Number of inputs	8 digital multi-purpose conforming to IEC 61131-2 type 3
	2 digital remote control
	1 analog measure temperature
Number of outputs	2 digital (relay) multi-purpose:
[Us] rated supply voltage	12...48 V DC +/- 20 %
Power consumption in VA	3 VA

Environment

User Language	Multi-language
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: level 4 criteria A conforming to IEC 61000-4-4
	Conducted RF disturbances - test level: level 3 criteria A conforming to IEC 61000-4-6
	Conducted disturbance emission - test level: level 4 criteria A conforming to IEC 61000-4-16
	100 kHz damped oscillating wave - test level: level 3 criteria A conforming to IEC 61000-4-12
	Radiated radio-frequency electromagnetic field immunity test - test level: level 4 criteria A conforming to IEC 61000-4-3
	Immunity to voltage dips criteria A conforming to IEC 61000-4-29
	Electrostatic discharge - test level: level 4 criteria B conforming to IEC 61000-4-2
	Surge immunity test - test level: level 3 criteria A conforming to IEC 61000-4-5
	Magnetic field at power frequency - test level: level 5 criteria B conforming to IEC 61000-4-8
	Conducted and radiated emissions class A conforming to EN 55022
Fixing mode	Clip-in (DIN rail)
Type of installation	Indoor
	Outdoor in cabinet
IP degree of protection	IP2X body: conforming to IEC 60529
	IP4X front: conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Relative humidity	5…95 % conforming to IEC 60068-2-30
Mechanical robustness	Vibrations 10…2000 Hz 1 gn 10 cycles conforming to IEC 60068-2-6
	Bumps 10 gn 16 ms 1000 bumps non energized conforming to IEC 60068-2-29
	Shocks 11 ms 3 pulses in operation conforming to IEC 60068-2-27
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)
Operating altitude	6561.68 ft (2000 m)
Product Certifications	CE
Standards	IEC 60255-27
Height	5.5 in (140 mm)
Width	3.5 in (90 mm)
Depth	5.5 in (140 mm)
Net Weight	1.21 lb(US) (0.55 kg)

Ordering and shipping details

Category	US1RTU108642
Discount Schedule	RTU1
GTIN	3606480802676
Returnability	No
Country of origin	US

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.685 in (11.900 cm)
Package 1 Width	7.520 in (19.100 cm)
Package 1 Length	7.795 in (19.800 cm)
Package 1 Weight	26.984 oz (765.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	16.043 lb(US) (7.277 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 〉

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
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