

# Product data sheet

Specifications



## PowerLogic HU250: Head Unit communication gateway with cyber security management

EMS59000

### 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 IEC 61850-8-1 controlling/controlled station IEC 60870-5-104 controlling/controlled station IEC 60870-5-101 controlled station
Communication Port Support	ETHERNET 4 RJ45 RS232/485 Modbus/ASCII 1 RJ45 RS485/RS232 1 RJ45 3G/4G 1 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)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number Of Inputs	6 digital multi-purpose conforming to IEC 61131-2 type 3 2 digital remote control 2 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

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...85 °C
Ambient Air Temperature For Operation	-40...70 °C
Operating Altitude	2000 m
Product Certifications	CE
Standards	IEC 60255-27
Height	140 mm
Width	90 mm
Depth	140 mm
Net Weight	0.55 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.900 cm
Package 1 Width	19.100 cm
Package 1 Length	19.800 cm

Package 1 Weight	765.000 g
Unit Type Of Package 2	S04
Number Of Units In Package 2	9
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	7.277 kg

## 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 >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>