



### 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	4 ETHERNET RJ45 1 RS232/485 Modbus/ASCII 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	WiFi local web server Ethernet local web server WAN remote web server
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)
Number of inputs	6 digital multi-purpose 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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	Body IP2X IEC 60529 Front IP4X IEC 60529
IK degree of protection	IK07 IEC 62262
Relative humidity	5...95 % IEC 60068-2-30
Mechanical robustness	Vibrations 10...2000 Hz 1 gn 10 cycles IEC 60068-2-6 Bumps 10 gn 16 ms 1000 bumps non energized IEC 60068-2-29 Shocks 11 ms 3 pulses in operation 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	5.51 in (140 mm)
Width	3.54 in (90 mm)
Depth	5.51 in (140 mm)
Net Weight	1.21 lb(US) (0.55 kg)

## Ordering and shipping details

Category	08642-SAGE FEEDER RTU
Discount Schedule	RTU1
GTIN	3606480802676
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.69 in (11.900 cm)
Package 1 Width	7.52 in (19.100 cm)
Package 1 Length	7.80 in (19.800 cm)
Package 1 Weight	26.98 oz (765.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	16.04 lb(US) (7.277 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.