RTU B300

BRE ELETTRONICA S.r.I. Telemetry Systems

INGEGNERIE TOSCANE

Multiprotocol advanced RTU (Remote Terminal Unit) with local processing capability, compact modular construction, provided for installation on DIN rail.



The B300 RTU is a modular system composed of a CPU and of several Input/Output modules.

The CPU module is equipped with some Input/Output lines and can be used in a standalone configuration, without additional modules, when the on board I/O lines are sufficient for the specific application.

- CPU module
 - Calculation power ensured by the ARM microprocessor.
 - 2 GB non-volatile memory on SD card.
 - On board Input/Output lines: 12 Digital Input, 4 Analog Input, 2 Digital Output.
 - Communication ports: Ethernet port, USB port, n. 2 RS232 serial port, RS485 serial port, Bluetooth functionality.
 - CAN port to connect expansion modules that can be local or distributed on the plant under control.
 - Communication protocols: IEC 60870-5-101, IEC 60870-5-104, MODBUS TCP, MODBUS RTU, ELEKTRON SIGMA, CAN Open.
 - GSM/GPRS module on board with external antenna connector.

- Bluetooth on board.
- PLC function to implement local automations, programmable with a powerful integrated development environment which supports all the five programming languages required by the IEC 61131-3 standard.
- DI-16 module
 - 16 opto-isolated input channels
 - LED for input channels status and CAN bus connection status
 - AI-08 module
 - 8 analog input channels
 - LED for CAN bus connection status
 - Digital Output DO-08 module
 - 8 output channels on relays contacts
 - LED for output channels status and CAN bus connection status

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IEC104 Setup					
	General parameters		 Advanced RTU for telecontrol systems, with local automation capability 		
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	1 ASDU address	frames	 Obsolete RTU replacement 		
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