

Universal Control Module for Marina Pedestals

TRITON BRAIN

Description

- Universal control module for remote control of marina pedestals
- Product: TRITON BRAIN
- Client-Server working mode
- Remote firmware update
- Anti-tampering system with individual plug detectors and automatic switching off and user logout
- Automatic reconnection of outputs when a brownout occurs. The system keeps open devices, logged users and balances
- Pre-payment and/or post-payment modes with credit limit selection
- Scalable Inputs/Outputs through 3 DIN form factor module TRITON EXPANSION
- Multi-language . Automatic language switching
- RFID or Wi-Fi Hotspot mobile identification (optional)



Available Models

- TRITON BRAIN STANDARD: remote consumption reading (902332)
- TRITON BRAIN ADVANCE: remote consumption reading + remote supply control (902331)
- TRITON BRAIN PREMIUM: remote consumption reading + remote supply control + RFID user identification (902330)
- TRITON EXPANSION: adds control of 4 more inputs/outputs (902333)



Electrical Service

- Up to 4 Input pulse counting (S0+, S0-) from energy meters
- ESD protection against electrical discharges
- Up to 4 24VAC Contactor switching technology (ON/OFF)
- Optical isolation of output connections
- Up to 4 Anti-theft system for electricity, with unplug detection and automatic switching off (optional)
- Remote ON/OFF control
- Automatic switches drop-off detection (optional)



Hydrant Service

- Up to 4 Input pulse counting (S0+, S0-) from water meters
- ESD protection against electrical discharges.
- Up to 4 24VAC electrovalve switching technology (ON/OFF)
- Optical isolation of output connections
- Remote ON/OFF control

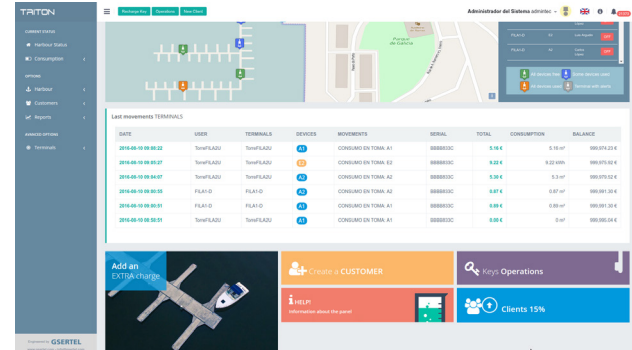
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Enclosure

- Polycarbonate 6 DIN form factor module
- Dimensions (LxWxH): 106x90x58mm
- Weight: 0,1Kg

Lighting

- LED output integrated (12VDC/24VDC software configurable, Máx.12W)
- ON/OFF control
- Modes: manual / programmed / auto

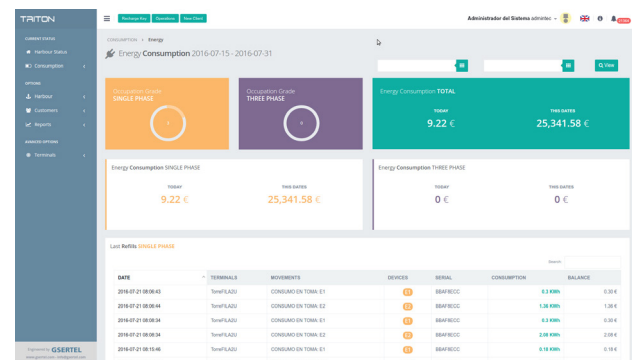


Communications

- Several communication protocols can be used according to the port needs, like Ethernet, Optical fiber, Wireless or 3G/4G
- Network failures supported through offline operation mode

Power Supply

- DC Input: 24V, 1A
- AC Input: 24V, 25VA
- DC Output (Lighting): 12V/24V 12W
- DC Output (TRITON EXPANSION): 3V3
- AC Outputs: 24VAC, 500mA max.
- Idle consumption: 3W



User Interface ADVANCE

- High contrast 4x20 OLED display. It shows the connected users, the status of the outlets (on/off), the electricity and water consumption, and the remaining balances
- Touch proximity sensor for outlet selection (indicative LED)

User Interface PREMIUM

- High contrast 4x20 OLED display. It shows the connected users, the status of the outlets (on/off), the electricity and water consumption, and the remaining balances
- Touch proximity sensor for outlet selection (indicative LED)
- RFID proximity card reader for user identification
- Smartphone application. Users can check their operations and activate/deactivate supplies (optional)

