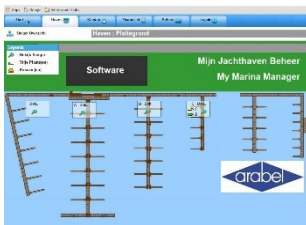# Marina Integrated Systems

by arabel ®

¿ Marina

Add-On hardware module with user software for retrofitting existing electricity pedestals to become Internet Of Things.

Allowing centralised on-off control of each individual outlet present on the marina's pedestals as well as readout of the individual energy consumptions. By laptop, tablet or smartphone .

Allowing individual on-off control of a berth's outlet by the boat owner through the optional app ON-OFF.Mobi   www.on-off.mobi

Marina Integrated Systems

by **arabel** ®

DESCRIPTION

- Universal control module for marina pedestals
- Stand alone or client / server working mode
- Local or remotemetering and local or remote on-off switching
- Pre payment working modes in combination with coin slot or card reader RFID
- Automatic reboot after power down with back up of the balances
- Multi language LCD display with background lighting
- Integration with Marina Management Software by SOAP protocol enabling on-off switching, remote metering,pre / post payment, invoicing, booking,user interface with marina map…. etc
- App ON-OFF.Mobi for secured on-off switching by smartphone

AVAIABLE TYPES

- ¿ **Marina – POS** *Stand alone, pre payment,metering, 8 outputs*
- ¿ **Marina – POS16** *Stand alone, pre payment,metering, 16outputs*
- ¿ **Marina – POC** *Remote, pre /post payment, metering, 8 outputs*
- ¿ **Marina – POC16** *Remote, pre /post payment, metering, 16 outputs*

SPECIFICATIONS & FUNCTIONS

- Up to 16 optical isolated outputs for on-off switching
- Up to 16 inputs for pulse counting from energy meters (S0-, S0+)
- On board adjustable calculation key for consumption counting
- Selectable automatic shut off after a period of no counting
- On board In rush limitor in case of automatic reboot
- 2 x RS232/485 for RFID cardreader
- TCP/IP
- Switch 4 ports for daisy chain network of several pedestals (OPTIONAL)
- WiFi Acess point (OPTIONAL)
- Multi language LCD display showing I/O status, balance,energy consumption

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