

MARINA POINT TECHNICAL DATA SHEET WITH TRANSPONDER

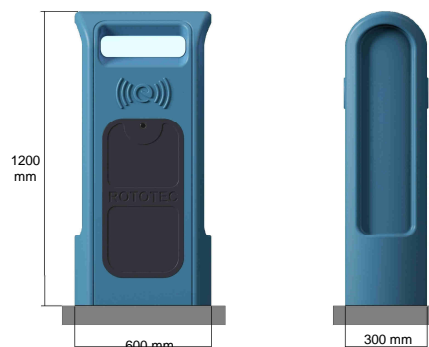
Description:

The Marina Point pedestal is a solid and versatile device conceived to be used in marinas as a distribution point for electric power, for water, warning info and more.

The Marina Point device has been studied so that the end-user can easily use it, in total safety all over the day.

The users registration and the assignment of the corresponding costs to the users are made through an electric key/card transponder reader. The logic management can be made both with a subsequent debit or with a prepaid system. In the first option the user has a special key with a registered unique personal code. When the code is read by the control unit, it allows to select which user you want and it counts the consumptions associating them to the registered code. These data are not only registered on the local control unit but they are also transferred in real time to the main computer for the subsequent billing to the client. In the second option the user loads the key/card with a variable sum of cash, transfers this amount to the control unit and allows the users. In the case of prepaid management is not necessary the use of a main PC even if it is possible to use.

The one-piece external structure is in polyethylene (LLDPE) manufactured using rotational moulding technology guarantees an high resistance to strikes, solar radiation and to saltiness. The same external box can be realized in several colours (blue, grey, yellow, red, green,...).



Technical data

Marina Point with transponder – General characteristics	
Pedestal	Designed, manufactured and certified according to EN 60439-1 norm
Case material	Full-body coloured polyethylene (LLDPE) with anti UV additives
Dimensions	600 x 300 x 1200 (h) mm
Protection grade	IP56
Internal access	Front door with key, dimensions 320 x 740 (h) mm
Operating temperature	-30 - +70 °C
Fixing/ block	By 4 fischers 10 mm
Terminal board for in-line connection	Connection with in/out terminal blocks, 5 poles for conductors R S T N PE
Terminal blocks	Connection with setscrew from 6 to 12 mm for terminals from 50 to 185 mm
Interlocked sockets available	250 VCA 2P+T 16A/32A with mechanical interlock switch 380 VCA 3P+N+T 16A/32A with mechanical interlock switch 380 VCA 3P+N+T 63A/125A with electric interlock 250 VCA 2P+N+T 63A with electric interlock
Protection grade of the plugs	IP67
Protection of users	Thermomagnetic differentials Id = 30 mA 16/32/63/125 with breaking capacity 4,5 KA or higher
Lighting	LED with high efficiency
Protection	Fuse or MTD 2A
Water distribution	
Water mains connection	With female coupling ½"
Water users connection	Ball valve tap ½"
Cost accounting systems	
Energy meter	Progress energy meter with display of consumed kWh
Water meter	Counter litre with display of water consumption
Prepaid system	Based on electronic key (transponder) with electricity and water consumption
Remote accounting	Remote computer connection (by cable network or WiFi) to manage users, warnings, recorded consumption. Possibility to load the key by Internet

Models

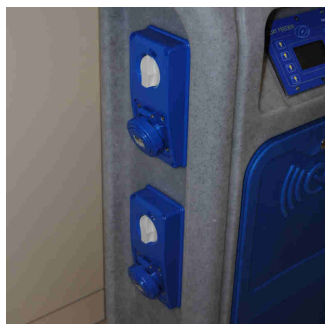
Item	Description
OMPT2X16M	Marina Point device 2 x 16 Ampere single-phase with transponder
OMPT4X16M	Marina Point device 4 x 16 Ampere single-phase with transponder
OMPT2X32M	Marina Point device 2 x 32 Ampere single-phase with transponder
OMPT2X32T	Marina Point device 2 x 32 Ampere three-phase with transponder
OMPT4X32M	Marina Point device 4 x 32 Ampere single-phase with transponder
OMPT4X32T	Marina Point device 4 x 32 Ampere three-phase with transponder
OMPT2X63M	Marina Point device 2 x 63 Ampere single-phase with transponder
OMPT2X63T	Marina Point device 2 x 63 Ampere three-phase with transponder
OMPT1X125T	Marina Point device 1 x 125 Ampere three-phase with transponder
OMPT2X16M2X32M	Marina point device 2 x 16 + 2 x 32 Ampere single-phase with transponder
OMPT1X63M2X32M	Marina point device 1 x 63 + 2 x 32 Ampere single-phase with transponder

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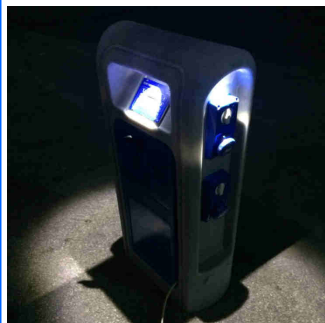
Transponder reading display



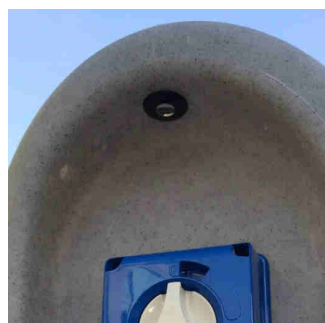
Interlocked sockets on both sides



Protection panel IP65



Lighting with led on the frontal and lateral side



Water distribution with tap 1/2" with water meter



* **Example: Marina Point pedestal 4 x16 A**

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