



BOLLARDS FOR DISTRIBUTION OF ELECTRICAL POWER AND OTHER SERVICES

(PUBLIC SPACES, PORTS AND CAMPINGS)



AREAS OF USE

PORTS AND MARINAS, CAMPINGS AND PARKING AREAS FOR CARAVAN, ELECTRIC VEHICLE CHARGING, HISTORICAL CENTRES, MARKET AREAS ...

INNOVATION, RELIABILITY, ROBUSTNESS ...

Active since 2003, VMR has always specialized in designing and manufacturing BOLLARDS for marinas, ports, docks and camping areas as well as RETRACTABLE UNITS for squares and historical centers. High quality materials and components ensure reliability and durability.

CUSTOMIZED DESIGN AND CONFIGURATION ...

Thanks to a young, dynamic staff and partners of international standing, VMR provides a full design service, to fulfill specific requirements in terms of size and design,.

PAYMENT MANAGEMENT ...

Customization of services and of their management has become a basic requirement for the majority of utilities Managers in both public and private environments. VMR offers PAYMENT MANAGEMENT services either in PREPAID mode with keys or badges or ON DEMAND mode with tokens or coins.





MANAGEMENT OF UTILITIES

On our units for distribution of water and energy, can be applied a system of accounting and pricing of services, provided for use in ports, campings, picnic areas or in all those who need a distribution fee.

The system can be **timed or actual consumption** of energy and water. The services are managed via microchips / card, transponder or **PREPAID** or directly with coin, and allow two types of operation: **stand-alone or networked with remote management**.

TIMED SYSTEM OR ACTUAL CONSUMPTION

The panel CP1 for units allows to activate the water or the light of a unit, by microchip CH1. Before inserting the Microchip, on the panel, you can see the cost and its time of the services.

Once inserted the Microchip into the appropriate reader, select the service you want to activate. The time and cost is displayed. Once selected the desired service, the cost is deduced from the microchip. The costs of the services and their usage time are set by the operator with switches located inside the panel CP1. Thanks to the internal counter is possible, with the service Microchip, see how many services were provided.

It is, also, possible to measure the actual consumption through the use of electric and water meters with MID certification.

The consumption can be monitored and managed from a remote location.

PORTS, CAMPINGS, CAMPER AREAS



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Our range of units for marinas and campings is right for any needs: cost, convenience, and management. They are completely made of stainless steel AISI 316L and can be equipped with a variety of services such as electricity, water, data / voice, gas distribution, etc..

Our company also develops products on specific projects



VMRsas Via Lario, 31 22060 Cantù (CO) +39 031.704673 fax +39 031.7090081

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PORTS AND CAMPINGS

PROXIMA Prepaid system

DESCRIPTION:

Power distribution for ports and camping mod. PROXIMA, structure made of AISI 316 stainless steel with bent, elegant design. Sheet thickness 2mm, finish on request.

Management panel for 4 electric utilities and 4 water utilities through key reader chip, with contacts in stainless steel 316L. Bright display dual language (ita-ing.) and push-button selection of utilities

GENERAL TECHNICAL CHARACTERISTICS:

Frame: AISI 316 stainless finish on request

Standard size: 445x220H1300

Regulations: EN 60439-1

IP Protection: IP55 / IP67

Voltage: 220V / 400V

Current: 16A / 400A

Lighting: 11W low energy lamp led strip

Fixing system: external anchors

Electrical connection: terminal block 5P, terminal in-out, flying

Water system: ball valves from 1/2

Water connector: connection f 3/4



SIMPLY

DESCRIPTION:

Power distribution unit SIMPLY (for marinas and campings) with tubular structure, made of stainlesssteel AISI 304 inox AISI 316. Plates removable and interchangeable. Thickness heet metal painted exterior with internal fixation system. Available in versions ONE-SIDED (TypeA) or DOUBLE-SIDED (TYPE B)

TYPE A: ONE SIDE VERSION



TYPE B: DOUBLE SIDE VERSION



STANDARD SIZE:

SIMPLY300: 340X300mm H 860 – H1200 -H1500

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM -
GAS SYSTEMCOMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



FIX

DESCRIPTION:

Bollard FIX tubular structure with pedestal, inox steel AISI 304 inox AISI 316, ideal for ports and camping areas. Plate thickness 2mm, painted for exterior; internal fixing system. Versions available **SINGLE SIDE** (TYPE A) or **DUAL SIDE** (TYPE B) (TYPE B)

TYPE A: SINGLE SIDE



TYPE B: DUAL SIDE



STANDARD SIZE:

FIX260: 340X260mm H 860 – H1200 -H1500

FIX400: 360X390mm H 860 – H1200 -H1500

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM - GAS SYSTEM COMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



MAYA

DESCRIPTION:

Bollard MAYA elegant design triangular shaped ideal for marinas, ports, camping areas , structure in inox AISI 304 inox AISI 316 Plate thickness 2mm, painted for exterior; internal or external fixing system. Mounting flange reinforced, with fastening system on sight or internal



STANDARD SIZE:

MAYA200: 200X200X200 H 700 – H 1000 –H 1500

MAYA350: 300X300X300 H 700 – H 1000 –H 1500

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM - GAS SYSTEMCOMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



TOWN CENTRES , PUBLIC and MARKET AREAS



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Due to their attractive design our columns serve as elements of street furniture and decor for public areas and town centers, blending with the urban furniture, creating a space multifunctional receptive thanks to the services provided such as electricity, water, data / voice , gas distribution, etc..

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IRIDE

DESCRIPTION:

Bollard IRIDE with angle top and hatch closure allowing plugged cable PASS- THROUGH;
steel structure of elegant design , suitable for street furniture,
made of AISI 304 or stainless steel AISI 316
Plate thickness 2mm, painted for exterior; internal fixing system

TYPE A: D. Mm 325



TYPE B: D. Mm 244



STANDARD SIZE:

BOMBER250: Ø 250mm H 860 – H1200 -H1350

BOMBER325: Ø 325mm H 860 – H1200 -H1350

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM -
GAS SYSTEM COMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



BOMBER

DESCRIPTION:

Bollard BOMBER with button top and hatch closure allowing plugged cable PASS- THROUGH; steel structure of elegant design , suitable for street furniture, made of AISI 304 stainless steel AISI 316 Plate thickness 2mm, painted for exterior; internal fixing system

TYPE A: D. Mm 325



TYPE B: D. Mm 244



STANDARD SIZE:

BOMBER250: Ø 250mm H 860 – H1200 -H1350

BOMBER325: Ø 325mm H 860 – H1200 -H1350

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM -
GAS SYSTEMCOMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



PROXIMA

DESCRIPTION:

Bollard PROXIMA structure in inox AISI 304 inox AISI 316 pressbent, elegant design with inclined head ; Plate thickness 2mm, painted for exterior; internal or external fixing system.

TYPE A: SOCKETS ON SIGHT



TYPE B: HATCH CLOSURE ALLOWING PLUGGED CABLE PASSTHROUGH



STANDARD SIZE:

PROXIMA200: L 250mm H 860 – H1200 -H1500

PROXIMA400: L 325mm H 860 – H1200 -H1500

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM - GAS SYSTEMCOMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



ICEBERG

DESCRIPTION:

Bollard PROXIMA structure in inox AISI 304 inox AISI 316 pressbent, elegant design with square plane head ; Plate thickness 2mm, painted for exterior; internal or external fixing system.

TYPE A: EXPOSED SOCKETS WITHOUT DOOR



TYPE B: DOOR AND PLUGGED CABLE PASS-THROUGH



STANDARD SIZE:

PROXIMA200: L 250mm H 860 – H1200 -H1500

PROXIMA400: L 325mm H 860 – H1200 -H1500

Different Sizes available on demand

ELECTRICAL SPECS:

VOLTAGE: 220-400V

CURRENT: MAX 125A

FREQUENCY: 50-60hz

IP PROTECTION: IP 66 /IP64

REGULATIONS: EN 60947-1 EN 60439-1-2-3

STANDARD CONFIGURATIONS

2/ 4/ 6 / 8 IEC309 16/32 SOCKETS EACH WITH MTD 6KA 0,03 MAX 125A

EQUIPMENT AVAILABLE FOR ON DEMAND CONFIGURATION

ACCESSORIES/ADDITIONAL EQUIPMENT

LED LIGHT DIFFUSER - SOUND SYSTEM - ELECTRIC CAR CHARGING SYSTEM -WATER SYSTEM -
GAS SYSTEMCOMPRESSED

AIR SYSTEM - RJ JACKS – VOICE/DATA CONNECTION - AUDIO/ VIDEO CONNECTORS



AVAILABLE FINISHES

Stainless steel AISI 304/316 crude

Stainless steel AISI 304/316 brushed

Stainless steel AISI 304/316 with mirror polish

Stainless steel AISI 304/316 powder painted RAL colors

**Stainless steel AISI 304/316 with custom paint or logos
airbrushed**

ral 1000	ral 1001	ral 1002	ral 1003	ral 1004	ral 1005	ral 1006	ral 1007
ral 1011	ral 1012	ral 1013	ral 1014	ral 1015	ral 1016	ral 1017	ral 1018
ral 1019	ral 1020	ral 1021	ral 1023	ral 1024	ral 1027	ral 1028	ral 1032
ral 1033	ral 1034	ral 2000	ral 2001	ral 2002	ral 2003	ral 2004	ral 2008
ral 2009	ral 2010	ral 2011	ral 2012	ral 3000	ral 3001	ral 3002	ral 3003
ral 3004	ral 3005	ral 3007	ral 3009	ral 3011	ral 3012	ral 3013	ral 3014
ral 3015	ral 3016	ral 3017	ral 3018	ral 3020	ral 3022	ral 3027	ral 3031
ral 4001	ral 4002	ral 4003	ral 4004	ral 4005	ral 4006	ral 4007	ral 4008
ral 4009	ral 5000	ral 5001	ral 5002	ral 5003	ral 5004	ral 5005	ral 5007
ral 5008	ral 5009	ral 5010	ral 5011	ral 5012	ral 5013	ral 5014	ral 5015
ral 5017	ral 5018	ral 5019	ral 5020	ral 5021	ral 5022	ral 5023	ral 5024
ral 6000	ral 6001	ral 6002	ral 6003	ral 6004	ral 6005	ral 6006	ral 6007
ral 6008	ral 6009	ral 6010	ral 6011	ral 6012	ral 6013	ral 6014	ral 6015
ral 6016	ral 6017	ral 6018	ral 6019	ral 6020	ral 6021	ral 6022	ral 6024
ral 6025	ral 6026	ral 6027	ral 6028	ral 6029	ral 6032	ral 6033	ral 6034
ral 7000	ral 7001	ral 7001	ral 7002	ral 7003	ral 7004	ral 7005	ral 7006
ral 7008	ral 7009	ral 7010	ral 7011	ral 7012	ral 7013	ral 7015	ral 7016
ral 7021	ral 7022	ral 7023	ral 7024	ral 7026	ral 7030	ral 7031	ral 7032
ral 7033	ral 7034	ral 7035	ral 7036	ral 7037	ral 7038	ral 7039	ral 7040
ral 7042	ral 7043	ral 7044	ral 8000	ral 8001	ral 8002	ral 8003	ral 8004
ral 8007	ral 8008	ral 8011	ral 8012	ral 8014	ral 8015	ral 8016	ral 8017
ral 8019	ral 8022	ral 8023	ral 8024	ral 8025	ral 8028	ral 9001	ral 9002
ral 9003	ral 9004	ral 9005	ral 9010	ral 9011	ral 9016	ral 9017	ral 9018



NOTE

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