

ECOPROTECT

THE POWERMASTER



5 IN 1 ENERGY CONTROL

FOR LED, AV & DIGITAL SIGNAGE



Energy Reduction

Reduces standby power consumption to



Safety

Protects system environment



Protection

Protects your LED/AV/DS System



Eco friendly

Minimizes ecological footprint



Compatibility

Compatible with all Media, Show Control
and Facility Management systems

PLUG AND PLAY

No additional hardware & software
required.

FAST ROI

Customers benefit from significantly
reduced power requirements.

ECOLOGICAL

Contributes to energy efficient
building certification and
ISO 14001 sustainable environmental
management system.

Designed & Manufactured by

VISCON
VIRTUAL REALITY

MADE IN GERMANY

ECONOMIC. ECOLOGIC. ECOPROTECT

ECOPROTECT
THE POWERMASTER

Economic and ecologic, Ecoprotect is the perfect solution for your LED, AV and digital signage systems.

Reduce standby power consumption to zero, minimize your ecological footprint and protect the environment while also saving on energy costs.

With its advanced technology and compatibility with various management systems, Ecoprotect is the ultimate powermaster for sustainable and efficient operation.



more information

Current peaks during Power-On and Magnetic fields are effectively reduced and prevented.

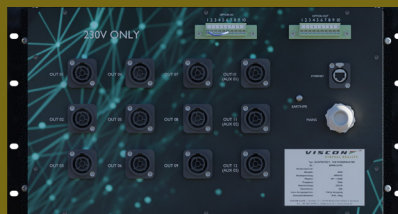
State-of-the-art Fuses, relays, monitoring devices as well as lockable main switches contribute to safety in service and maintenance.



EPPM 32+ - Front View

The embedded intelligent control ensures controlled switching on and off: Network, Push-Button, via timer, external network-media-player and geo-clock synchronization

ECOPROTECT // The Powermaster responds to every command.



EPPM 32 / 32+ Rear View

The 19-inch Rackmount / Desktop unit can easily be installed in every LED / AV / DS Installation.

It has all the prerequisites for international technical approval and thus for worldwide marketing.



EPPM 16

General	<p>EPPM 16x Series: 19" Rackmount housing - 3 Units High Dimensions: 483mm/428mm x 133mm x 458mm/500mm weight: approx. 13.5kg</p> <p>EPPM 32x Series: 19" Rackmount housing - 6 Units High Dimensions: 483mm/428mm x 266mm x 458mm/500mm Weight: approx. 23kg</p> <p>Note: For model specific details refer to the datasheet</p>
Power Input	<p>EPPM 16x Series: CEE - 400V - 16A - 5p - 10kW max, with 1m 5G4 / H07RN-F</p> <p>EPPM 32x Series: CEE - 400V - 32A - 5p - 20kW max, with 1m 5G6 / H07RN-F</p>
Power Outlets	<p>Powercon True1 TOP / NAC3FPX (Standard)</p> <ul style="list-style-type: none"> · up to 9x Zero-Crossing Switch-On / OUT 1-9, grouped by 3, max. output (each) 230V/15A · up to 3x Standard Switch-On (AUX), individual, OUT 10-12, max. output (each) 230V/15A <p>Note: The total switching capacity of all outputs must not exceed the maximum of the input capacity</p>
Security	<p>3-Phase signaling device 230V (x3 green LED)</p> <p>3-Phase RCPD Unit, 4-pole, IN: 25/40A - 30mA, AC:400V</p> <p>Circuit breaker 1-pole (up to 12x) AC: 240/400V, 6kA, C-16A</p> <p>Emergency /Main circuit switch / Disconnector, 3-pole, 400V, 32A, lockable</p>
Control	<p>Embedded Industrial Logic Module, programmable, 400Blocks Memory, integr. Webserver</p> <p>Industrial - Ethernet RJ-45 (female)</p> <p>Digital Input Solid State (up to 8x DI / 4x AI)</p> <p>Digital Output Solid State (up to 4x)</p>

Models of the Power Master Family

ECOPROTECT EPPM 16 *The Power Dwarf*

Up to 10KW switching capacity, only 3 height units, 3x PowerCon outputs and one Aux output the EPPM16 is the intelligent solution for compact AV systems with minimal dimensions.

ECOPROTECT EPPM 32 *The All-Rounder*

Up to 20KW switching power with only 6 height units, 9x PowerCon outputs and three Aux outputs the EPPM32 masters all modern requirements for LED& AV installations.

ECOPROTECT EPPM 32+ *The Specialist*

Identical to the EPPM32, the Plus Series offers full monitoring of the electricity supply parameters using an integrated network-analyzer with an LCD display, all important parameters can be read at a glance.

Designed & Manufactured by

VISCON
VIRTUAL REALITY

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More Information:
viscon.de/ecoprotect



Properties

- Intelligent power switching with programmable scheduler
- Reduces standby power consumption to zero
- Component-friendly electronic sine zero-crossing circuitry
- Compatible with media, show and building control systems

General	19" Rackmount housing - 3 Units High Dimensions: 483mm/428mm x 133mm x 458mm/500mm Weight: approx. 13.5kg / 30lbs
Power Input	CEE - 400V - 16A - 5p - 10kW max, with 1m 5G4 / H07RN-F
Power Outlets	Powercon True1 TOP / NAC3FPX (Standard) <ul style="list-style-type: none"> • 3x Zero-Crossing Switch-On / OUT 1-3, grouped by 3, max. output (each) 230V/15A • 1x Standard Switch-On (AUX), Individual, OUT 4, max. output (each) 230V/15A <p><u>Note:</u> The total switching capacity of all outputs must not exceed the maximum of the input capacity</p>
Security	3-Phase signaling device 230V (x3 green LED) 3-Phase RCPD Unit, 4-pole, IN: 25A - 30mA, AC:400V Circuit breaker 1-pole (4x) AC: 240/400V, 6kA, C-16A Emergency /Main circuit switch / Disconnecter, 3-pole, 400V, 32A, lockable
Control	Embedded Industrial Logic Module, programmable, 400 Blocks Memory, integrated Webserver Industrial - Ethernet RJ-45 (female) Digital Input Solid State (8x DI / 4x AI) Digital Output Solid State (4x)
Certificates	CE / VDE / EN Regional certificates available on request

VISCON GmbH Germany reserves the right to change the specifications at any time without prior notice.



Properties

- Intelligent power switching with programmable scheduler
- Reduces standby power consumption to zero
- Component-friendly electronic sine zero-crossing circuitry
- Compatible with media, show and building control systems

General	19" Rackmount housing - 6 Units High Dimensions: 483mm/425mm x 266mm x 458mm/500mm Weight: approx. 22kg / 48,5lbs
Power Input	CEE - 400V - 32A - 5p - 20kW max, with 1m 5G6 / H07RN-F
Power Outlets	Powercon True1 TOP / NAC3FPX (Standard) <ul style="list-style-type: none">• 9x Zero-Crossing Switch-On / OUT 1-9, grouped by 3, max. output (each) 230V/15A• 3x Standard Switch-On (AUX), Individual, OUT 10-12, max. output (each) 230V/15A <p>Note: The total switching capacity of all outputs must not exceed the maximum of the input capacity</p>
Security	3-Phase signaling device 230V (x3 green LED) 3-Phase RCPD Unit, 4-pole, IN: 40A - 30mA, AC:400V Circuit breaker 1-pole (12x) AC: 240/400V, 6kA, C-16A Emergency /Main circuit switch / Disconnecter, 3-pole, 400V, 32A, lockable
Control	Embedded Industrial Logic Module, programmable, 400 Blocks Memory, integrated Webserver Industrial - Ethernet RJ-45 (female) Digital Input Solid State (8x DI / 4x AI) Digital Output Solid State (4x)
Certificates	CE / VDE / EN Regional certificates available on request

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Properties

- Intelligent power switching with programmable scheduler
- Reduces standby power consumption to zero
- Component-friendly electronic sine zero-crossing circuitry
- Compatible with media, show and building control systems
- Integrated 3-phase mains / network analyzer

General	19" Rackmount housing - 6 Units High Dimensions: 483mm/428mm x 266mm x 458mm/500mm Weight: approx. 23kg / 50,7lbs
Power Input	CEE - 400V - 32A - 5p - 20kW max, with 1m 5G6 / H07RN-F
Power Outlets	Powercon True1 TOP / NAC3FPX (Standard) <ul style="list-style-type: none">• 9x Zero-Crossing Switch-On / OUT 1-9, grouped by 3, max. output (each) 230V/15A• 3x Standard Switch-On (AUX), Individual, OUT 10-12, max. output (each) 230V/15A <p>Note: The total switching capacity of all outputs must not exceed the maximum of the input capacity</p>
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