SMART PDU MONITORABLE - FICHE TECHNIQUE

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SMART MONITOR PDU

DESCRIPTION

The barpa Smart Monitor PDU is engineered to deliver precision power distribution with real-time metering at both outlet and aggregate levels. Designed for integration in high-density environments such as data centers, enterprise IT racks, and telecom infrastructures, it enables granular visibility of energy usage, supporting capacity planning, asset management, and energy optimisation enabled all by integrated software. Remote switching functionality is not included in this model.

APPLICABLE STANDARDS

• EN IEC 62368-1 (Safety) • EN IEC 60320-1 • EN IEC 60884-1 • IEC 61000 • BS 1363
• UL 498 / NEMA WD 6 • IEC 61000-6-1/3 (EMC) • EMC Directive (2014/30/EU)
• Low Voltage Directive (2014/35/EU) • RoHS Directive (2011/65/EU)

KEY FEATURES

High-resolution power metering per outlet and per PDU (voltage, current, power, energy, power factor)
Scalable outlet-level metering
Embedded power quality parameters monitoring with integrated local display
Multi-protocol support: HTTP/HTTPS, SNMPv3, Modbus TCP/IP
Integrated surge protection and basic line filtering
Embedded web-based management software for monitoring and outlet control
Compatibility with barpa environmental sensors

MECHANICAL & PHYSICAL SPECIFICATIONS

Material	1,2mm SGCC (Steel Galvanized Cold Commercial)	
Color	Black powder coated	
Internal Wiring	16 A	3G x 1,5 mm²
	32 A	3G x 6 mm²
Cable Length	3 meters (customisable on request)	
Number of Sockets	8, 16, 24	
Control System	Surge Protection	
Sensor Ports Available	6+1	
Sensor Interface Type	RJ11	

More information: info@barpa.eu or in www.barpa.eu