

Technical data sheet (draft) for the Resilient Power Control Module for Direct Current 232A (RPCM DC 232A)



RPCM combines remote power control, icmp/tcp port/consumption based watchdog with automatic power reset, short circuit protection and power consumption metering per output in a single device

Model		4232
Power rating		11.136 KVA
Input	Connection type	Terminal block with screw connection: - solid cable (25-95 mm ²) - flexible cable (35-95 mm ²)
	Voltage and current rating	-48 VDC, 232 A
Outputs	Connection type	10 spring loaded clamp terminals
	Nominal current rating	24 A (with cross-section 2.5 mm ²)
	Maximum current rating	30 A (with cross-section 4 mm ²)
	Automatic circuit breaker type	Overload protection: configurable 0.1-30 A (default setting 30 A) Short circuit protection (triggering current 87.5 A)
	Power consumption metering	Separate power consumption metering on each output
	Time of powering on consumer devices	Programmable (default delay 1 second)
	Cords fixation	Power cables fixation kit (option)
Indicator lights	Input state	- On/Off/Incorrect parameters - Current/Voltage
	Channel state	On/Off/Short circuit/Output overcurrent/Input overcurrent
Remote control and remote monitoring	Input state	- On/Off/Incorrect parameters - Voltage/Current/Wattage
	Channel state	- On/Off/Short circuit/Output overcurrent/Input overcurrent - Managing current cutoff thresholds and power-on delay
	Power consumption metering	Separate power consumption metering on each output
	Supported protocols	- HTTP/HTTPS (WEB Interface/REST API) - SSH - SNMPv1, SNMPv2c, SNMPv3, SNMP Traps - SMTP
	Automation (Watchdog)	- Output channel (outlet) reset, if there are no responses to ICMP requests (pings) - Output channel (outlet) reset, if the TCP port is unavailable - Output channel (outlet) reset, when the current decreases - Output channel (outlet) reset, if the miners hash rate decreases
Standard compliance	Electromagnetic compatibility	EN55022
	Safety	CE, EAC
Communication interface		Ethernet 10/100 Mbps
Accessories included		Fixtures for installation in a 19 inch rack, quick install guide.
Available options		Extended fixtures for installation in a 19 inch rack, power cable organizer
Size (width x depth x height)		440 x 365 x 44 mm, takes a standard 1U slot in a 19 inch rack
Module weight/included accessories/total weight with packaging (kg)		5.2/1.21/8.13
Operating temperature		0 ~ +40 °C
Storage temperature		-20 ~ +60 °C
Operating humidity		45 ~ 85 % (no condensation)
Cooling		Passive
Noise level		Under 30 dBA (powering on/off and switching ports)



All the information is purely of a reference nature and is not a public offer as defined by provisions of Article 437 of the Civil Code of the Russian Federation. The product specification, the exterior appearance and the exact supplied configuration may be changed by the developer without prior notice.

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