RPCM 3x250 combines remote power control, hashrate watchdog with automatic power reset, short circuit protection, overload protection and power consumption metering per output in a single device

180 KVA of power budget with 30 x 25 Amps managed channels allows to power up to 90 x S9 class miners or 60 x S17Pro class miners from single RPCM 3x250

Model		3250
Power rating		180 kVA (415/240V WYE)
Input	Connection type	3 phase+neutral+protective conductor (protective ground) (two power strip terminals 70-185 mm^2 for each connection)
	Voltage and current rating	173-415/100-240V WYE (3 phase+neutral+protective conductor (protective ground)), 3 phases x 250A
	Frequency	50/60 Hz ± 5%
	Grounding control	Indication of grounding presence/absence
Output	Number of connections	90 connections, 30 managed channels (3 connections per channel)
	Connection type	Spring loaded clamp terminals: 4 mm^2 (6 mm^2 without ferrule) for phase and neutral conductors, 2.5 mm^2 (4 mm^2 without ferrule) for protective ground conductors
	Voltage and current rating of the managed channel	100-240V (phase+neutral+protective conductor), 25A per each managed channel
	Overcurrent and Short Circuit Protection Parameters	- Overload protection: configurable 0.1-25A (default setting 25A) - Short circuit protection: 3 x iNom (trips at a short-circuit current of 75A)
	Power consumption metering	Separate power consumption metering on each managed channel
	Time of powering on managed channel	Programmable (default delay 1 second)
External indicator lights (display)	Input state	- On/Off/voltage and frequency params out of range alert (separately in phases) - Grounding indication presence/absence
	Channel (output) state	On/Off/Short circuit/Output overcurrent/Input overcurrent
Remote control and remote monitoring	Input state	- On/Off/voltage and frequency params out of range alert - Current/Voltage/Frequency/Wattage - Grounding indication presence/absence
	Channels 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 of 30 managed channels
	Supported protocols	- HTTP/HTTPS (WEB interface/REST API) - SSH - SNMPv1, SNMPv2c, SNMPv3, SNMP Traps - SMTP
	Automation (Watchdog)	- Output channel (outlet) reset, if the miners hash rate decreases - 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
Standard compliance	Electromagnetic compatibility	EAC (GOST30804 (IEC61000), GOST51317 (IEC61000))
	Safety	EAC (GOST51321 (IEC60439))
General parametres	Communication interface	3 x Ethernet 10/100 Mbps (one per each input)
	Accessories included	Electric panel, wall mounting kit, quick install guide
	Panel size (width x height x depth)	600x610x250 mm, wall mounting
	Module weight	33.65 kg
	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)