

RPCM 3123 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

156 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 3123



| Model | | 3123 |
|---|--|--|
| Power rating | | 173V - 140 kVA Max, 129 kVA Nominal, 112 kVA Derated 208V - 168 kVA Max, 156 kVA Nominal, 134 kVA Derated 240V - 194 kVA Max, 180 kVA Nominal, 155 kVA Derated |
| Input | Connection type | Delta type, 3 phase+protective conductor (protective ground) (two power strip terminals 70-185 mm ² for each connection) |
| | Voltage and current rating | 173-240V (3 phase+protective conductor (protective ground)), 467A(270A) Max/432A(250A) Nominal/373A(216A) Derated (P(P-P)) |
| | 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 | 173-240V (P-P), 30 x 27A Max/25A Nominal/21.6A Derated for each managed channel |
| | Overcurrent and Short Circuit Protection Parameters | - Overload protection: configurable 0.1-27A (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 |
| 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 | 33.86 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) | |

