7. Technical specifications

PLC Parameters	
Programming environment	OpenPCS software
Flash（Program storage）	32M bytes
SRAM（Data storage）	16M bytes
User data store	2k bytes
Run-Time system	A PLC mission
PLC cycle time	1000 instructions need about 1ms（ignore I/O circulation and GC-bus）
Programming modified online	Not support
Programming language implementation standard	IEC 61131-3
Programming language	SFC（Sequentialfunctionchart）、LD（Ladderdiagram）、FBD（Functionblock）、ST（Structuredtext）、IL（Instruction List）
Local I/O	None, need extend GC series module
Extend terminal module quantity	Up to 32 modules
Digital I/O signal	256 input/output
Analog I/O signal	64 input/output
Configuration mode	automatic configuration
Real-time clock	Built-in
Floating point operations	Support
Communication interface	
Communication interface	One-channel CAN interface, one-channel Ethernet interface, one-channel RS232/RS485 interface
CANopen protocol master/slave function	Support
Modbus RTU/TCP protocol master/slave function	Support
Electrical parameters	
Power	24V DC（-15%/+20%）
Input current	70mA+（total GC-bus current）/maximum2.5A
Starting current	About 2.5 times continuous current
Fuse capacity	≤10A
Power contacts	Maximum 24V DC/maximum 10A
Electrical isolation	1500 Vrms
Environmental testing	
Working temperature	-40℃~+85℃
Working humidness	95%RH, without condensation

EMC test	EN 55024:2011-09 EN 55022:2011-12
Anti-vibration / impact resistance performance	EN 60068-2-6/EN 60068-2-27/29
Anti-electromagnetic interference/radiation performance	EN 61000-6-2 /EN 61000-6-4
IP grade	IP 20
Basic information	
Dimension	100mm *69mm *48mm
Weight	100g