

◆ Technical Data:



Model: PR-26AC-R-N

GENERAL SPECIFICATIONS

Timers: 1024

Counters: 1024

Function Blocks: 1024

Operation temp.: -20°C - +55°C

Storage: -40°C - +70°C

Protection: IP20 (Non-waterproof)

RTC accuracy : MAX ±2S/day

RTC Backup at 25 °C: 20 days

Program and settings Backup: 10 years

Data Power-off retentivity: 10 years

Modify parameters via keypad LCD: YES

Dimensions: 133*90*60 (Unit: mm)

Certificate: CE

Installation: 35-DIN rail or screw for installation

Supported programming language: FBD & Ladder

Expansion capacity: 16 modules (PR-E-16)

Password protection: 4-digit number password protection or disable program upload function

Communication interface: 1 RS232 Port (COM0 – RS232 Cable), 2 RS485 port (COM1 available via SR-RS485, COM2 - built-in RS485 port), 1Ethernet port.

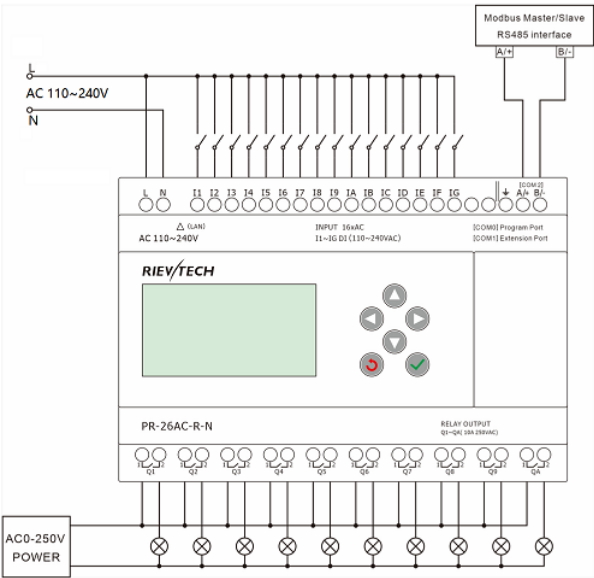
Communication protocol: Modbus RTU/ASCII, Modbus TCP, MQTT, BACnet



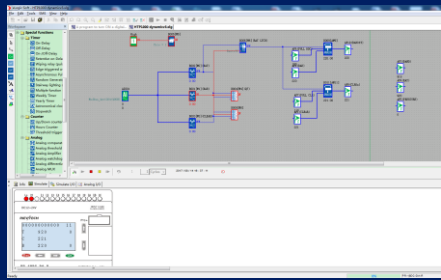
Technical Index

Power supply:	
Nominal voltage	AC110V-240V
Operating limits	AC85 - 265 V
The main frequency range	47-63Hz
Max. absorbed power	150mA (85V ac); 60mA (265V ac)
Isolation voltage	1780V AC
Protection against polarity inversions	Yes
Input parameters:	
Input No	16
Digital input	16 (I1-IG)
Analogue input	None
Input voltage	AC110-240V
Input signal0	AC0-40V; <0.015mA
Input signal1	AC79-240V; >0.06mA
Input Response Time	Delay time at 0 to 1: 120V AC : Typ. 50 ms 240V AC : Typ. 30 ms Delay time at 1 to 0:

Digital Input / Output



Program(xlogicsoft) Specification

SYSTEM	Operating System requirements		Windows /2000/XP/WIN7/WIN8			
	Programming languages		Function block			
	Program Memory		1024			
	Execution Speed		<0.1ms per function			
	LCD Display		4 lines x 16 characters			
	Functions		Up to 70 function blocks			
	BASIC	Timers				
Maximum Number		1024				
Timing Ranges		10ms--99 h59m				
Counters					a.Up/down Counter b.Hours Counter c.Frequency Threshold Trigger	
Maximum Number		1024				
Highest Count		99999999				
Resolution		1				a.Weekly Timer b.Yearly Timer
RTC						
Number available		1024				
Resolution		1 min				a.Digital Flag b.Analog Flag
Time span available		Week/year-month-day-hour-min				
Flags						
Digital flags		256				a.PI Controller
Analog flags		256				
PI Functions						
Number available		30				a.Analog Math b.Analog Math Error detection
Parameter Ranges		1-32767				
Analog Math						
Number available		1024				a. Analog Ramp
Function		ADD, Subtract,Multiply, Divide				
Analog Ramp Function						
Number available	55				a.Analog compactor b.Comparison of 2 values	
Compare Function						
Number available	1024					
Special Functions	HMI Screens					a.Message texts
	Number available	128				
	Display/Edit	Preset Current value and Free text				
	PWM Functions					a.PWM
	Number available	1024, (2 fast output for Transistor)				
	Communication Functions					a.Modbus write b.Modbus read
	Number available	1024(Only CPU works as Master need these 2 blocks, slave does not need)				
	Word/bit data Conversion	Square Boot	Sin/Cos	RS latch relay		
	Data-logger Function	Analog watchdog	Analog filter	Average value		
	Pumps Management	Defrost function	Multiplexer	Pulse Relay		
	Cam Control	Astronomical clock	Stop watch	Boolean function		
	Note: 1.Not all program functions are listed in this table i.e. AND,NAND,OR,NOT,NOR,XOR,SHIFT REGISTER,DATA LATCHING RELAY, COMPORT STATUS etc.					

Note: 1.Not all program functions are listed in this table i.e. AND,NAND,OR,NOT,NOR,XOR,SHIFT REGISTER,DATA LATCHING RELAY, COMPORT STATUS etc.

